CATALC C 2023 **Fleet Supplies Tools & Equipment Chemicals & Additives**





1-800-589-6589

STO-115-0921





Shop Air Hose

Designed for high quality general purpose air hose. Fills many applications around a service station or manufacturing shop such as inflating tires, blow guns, and machine air connections. This hose features a heavy, abrasive resistant cover combined with a specialty reinforced, seamless, non-porous smooth tube that provides increased pull and burst strength, durablity, and maximum service life.

Shop & Impact Air Tool Hose

Part No.	Length	Max Working Pressure (PSI)	Hose I.D.	Couplings
#80002	25' Coupled	200	¹ / ₄ "	¹ / ₄ " - Male/Male
#80003	50' Coupled	200	¹ / ₄ "	¹ / ₄ " - Male/Male
#80004	25' Coupled	200	³ / "	$3/_{8}$ " - Male/Male
#80005	50' Coupled	200	³ / "	$3/_{8}$ " - Male/Male
#80006	25' Coupled	200	³ / "	¹ / ₄ " - Male/Male
#80007	50' Coupled	200	³ / ⁸	$^{1}/_{4}$ " - Male/Male
#80010	25' Coupled	200	¹ /2"	$\frac{1}{2}$ " - Male/Male
#80011	50' Coupled	200	¹ / ₂ "	¹ / " - Male/Male





Assen	nble	ed -
/ 100011		

#9	10"	with two
#15	15"	with two
#20	21"	with two
#31	31"	with two

th two 2 1/2" S-Hook total length = 14" total length = 20" total length = 25" total length = 36"





Plain - Black

Heavy Duty MUD FLAPS

Part No.	Туре	Composition	Size
#6714583 ea.	Plain	Black Rubber	24" X 30"
#6714585 ea.	Plain	Black Rubber	24" X 36"



400 - 1400 Series Tire Hardware

Valve Core Tool

• Handle length: 3"



For removal & insertion of valve cores. One end for standard bore, one end fore large bore valves. 1 per card Overall length: 5"

#\$444



#\$449

#1496

Tube Deflator/Core Remover

With this 2 in 1 tool, deflate using one end, and insertion and removal of valve core with the other end. 1 per card

Valve Insertion Tool

For installation/removal of "snap in" type tubeless tire valves. 1 per card

Long Handle Lock on Chuck

Air inflating chuck. Max: 150 PSI.

- 1/4" female npt
- Straight push-on with 5 1/8" handle



#S153

#\$976

#5982

#\$986



Rubber Tipped Blow-Guns

Lever Style



- Maximum working pressure: 150 PSI
- SCFM 11.4 @ 100 PSI
- 1/4" npt air inlet
- 1 per card

Truck Tire Services Gauges

Milton precision engineered service gages provide accurate, long life trouble free performance. Plated brass tube and 4 sided nylon indicator bar. Calibrated 2 sides 10 to 160 PSI, in 2 lb increments and 2 sides 80 to 1100 kPa, in 20 kPa units.



• Length: 12 3/4"



Large Bore Dual Head Chuck

• Length: 13"



Straight Foot Dual Head Chuck

FOR INNER DUALS • Length: 13 1/4"





600 - 1600 Series Fittings/Hose Ends



Tank Valve

• Male npt: 1/8" • 2 per card



600 Series Air Chucks

Air Chucks - Designed and manufactured to exacting standards. Maximum: 150 PSI. WARNING: SEALING TYPE CHUCKS ARE NOT FOR USE ON MILTON INFLATOR GAUGES!



Dual Head Straight Foot



- 1/4" female npt • 1 per card
- For inner duals, both ends lock on threads



Single Head Straight Foot with & without clip

1/4" female npt 2 per card





500 Series Inflator Gauges Window Inflator Gauges

Heavy duty construction provides long service life even with constant use. Gauge cartridge and valve cartridge replaceable. All window inflator gauges equipped with magnifying lens for full view of scale. All gauges listed are 10 to 120 lbs. in 2 lb. increments. All are available as metric gauges with reading in kpa units.



#\$501

#\$505

High Pressure Truck Tires, 5' Hose

- For high pressure truck tires
- 10 PSI to 160 PSI, in 2 lb increments
- Gauge complete with 5' hose with a dual head straight foot chuck for inner duals with lock on threads both ends (full swivel)
- Built in deflator to relieve excess pressure
- Meets OSHA regulation No. 1910.177 on inflation

Gauge Complete

• Single head chuck (full swivel) with 15" hose



Gauge Complete

• Dual head chuck (full swivel) with 15' hose





500 Series Inflator Gauges Window Inflator Gauges



#\$516

Gauge Complete

 Dual head straight foot chuck with lock on threads both ends for inner dual (full swivel) with 15' hose

700-1700-1800 Series Air Couplers & Plugs

WARNING: COUPLERS ARE FOR USE WITH SHOP AIR ONLY

A-Style Aro "210" Style Series 1/4" Basic Size

- A-style couplers are push type
- · A-style coupler bodies are Steel, plated tp resist rust
- A-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI

- Maximum temperature: 250°F • Air flow: 34 SCFM
- Seals: Buna N

Coupler

#S775



#S777

• 1/4" npt female 1 per card



- 1/4" npt male
- 2 per card



- Plug
- 1/4" npt female
- 2 per card





700-1700-1800 Series Air Couplers & Plugs

WARNING: COUPLERS ARE FOR USE WITH SHOP AIR ONLY

M-Style Industrial Interchange Series 1/4" Basic Size

Milton M-Style "Kwik-change" couplers and plugs will interchange with all manufacturers who comply with the deimensional requirements of military specification MIL-C-4109.

- M-style coupler bodies are brass with brass sleeves
- M-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI

- Maximum temperature: 250°F
- Air flow: 40 SCFM
- Seals: Buna N



Combination Coupler/Plug

#S711

- One #S715 and one # S727
- 1 per card





1/4" npt female



Coupler

#S715

• 1 per card



- 1/4" npt male
- 1 per card

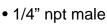






#5732

Plug



2 per card



• 3/8" npt female



Plug

- 1/4" npt female
- 2 per card





H-Style Industrial Interchange Series 3/8" Basic Size

• H-style coupler bodies are Steel, plated tp resist rust

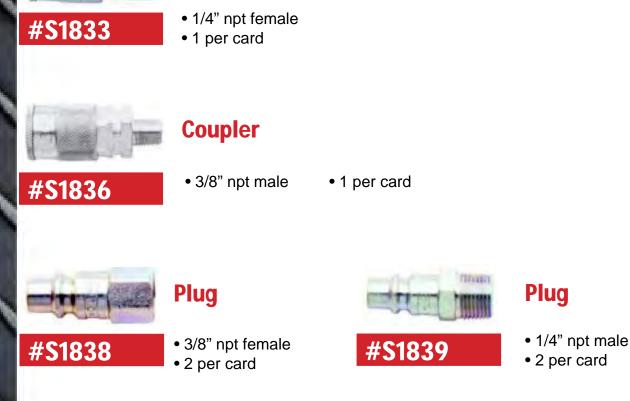
Coupler

- Air flow: 67 SCFM
- Maximum inlet pressure: 300 PSI

• Maximum temperature: 250°F

• Heavy Duty brass - rust resistant

Seals: Buna N



AMT -Style 3 Way Coupler 1/4" Basic Size

AMT-style couplers are push type with drag guard
Accepts the 3 most popular 1/4" basic style plugs sold

- 1 Milton/Industrial style (M-style)
- 2 Aron "210" style (A-style)
- 3 Tru-flate/Parker auto style (T-style)



Coupler

• 1/4" npt female • 1 per card





700-1700-1800 Series Air Couplers & Plugs **G-Style Industrial Interchange Series 1/2" Basic Size**

- · G-style coupler bodies are steel, plated to resist rust
- G-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI

- Maximum temperature: 250°F
- Air flow: 99 SCFM
- · Seals: Buna N
- · G-style couplers will work with G-style Industrial Interchange & Parker/Tru-Flate plugs



#S1815

#S1819



• 1/2" npt female 1 per card



Coupler

- 1/2" npt male
- 1 per card



Plug

• 3/8" npt female

1 per card



#S1817



• 1/2" npt male

1 per card





#51855

Plug

1/4" npt male





T-Style Tru-Flate/Parker Interghange Series 1/4" Basic Size

WARNING: COUPLERS ARE FOR USE WITH SHOP AIR ONLY

- T-style coupler bodies are brass
- T-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI

- Maximum temperature: 250°F
- Air flow: 40 SCFM
- Seals: Buna N



700-1700-1800 Series Air Couplers & Plugs P-Style Tru-Flate/Parker Interghange Series 3/8" Basic Size

- P-style coupler bodies are heavy duty steel
- T-style plugs are case hardened steel, plated to resist rust
- Bodies have 8 locking balls
- Maximum inlet pressure: 300 PSI

Maximum temperature: 250°F

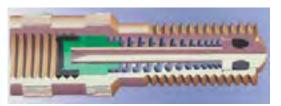
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- Air flow: 68 SCFM
- Seals: Buna N





REMA TIP TOP, manufacturer of tire repair materials since 1923, markets a comprehensive line of more than 1,200 high quality tire repair products, tools and equipment, including the classic range of REMA TIP TOP tire repair materials and a complete line of OTR products including Radial and Bias Heat Cure, Uncured & Clothback tire repair units, cements, cushion gums, repair cords, and extruder rope.



#410D

410-D DOUBLE SEAL CAP, HIGH-TEMPERATURE Effective Length (inch): 3/4 Box/Qty: 50

#TR600HP

SNAP-IN VALVE, HIGH PRESSURE Rim Hole Dia. Inch: 0.453 Max. psi: 80 Valve Size Inch: 1-3/4 Valve Size mm: 45 Box/Qty: 500



1-800-589-6589

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REMA TIP TOP, manufacturer of tire repair materials since 1923, markets a comprehensive line of more than 1,200 high quality tire repair products, tools and equipment, including the classic range of REMA TIP TOP tire repair materials and a complete line of OTR products including Radial and Bias Heat Cure, Uncured & Clothback tire repair units, cements, cushion gums, repair cords, and extruder rope.

#TR573

BRASS TRUCK VALVE Valve Size Inch: 4-3/8 Valve Size mm: 110 Box/Qty: 100



#TR572

BRASS TRUCK VALVE Valve Size Inch: 3-3/4 Valve Size mm: 95 Box/Qty: 100

#TR3	3
*100	

#TR544D CLAMP-IN VALVE

73MM 60'



1-800-589-6589

ad



Exide Heavy Duty Commercial Batteries

When you depend on your truck, tractor or construction equipment for your livelihood, down-time is no option. We offer a complete line of heavy duty batteries that fit your on-road or off-road vehicle to get the job done.

Reserve Capacity (RC) • Outstanding run time when powering anything from lift gates to DVD players. • HP and HC - 180 Minutes RC Vibration Resistance • Stabl-Lok[™] anchored plates protect the battery from vibration damage.

Exide Commercial Performance Series

Exide's Select Performance Group battery comes with the power and muscle for each unique application: short haul, long haul, agriculture, fleets, construction and industrial equipment.

HP: 18-MONTH FREE REPLACEMENT

925 CCA for exceptional starting power in the most extreme conditions. Suitcase handle, with convenient grip for easy installation, folds down for a compact fit. Waffle bottom strengthens the case and resists puncture from stones and other foreign objects.

HC: 18-MONTH FREE REPLACEMENT

700 CCA for balanced starting power in most applications with longer life. Manifold venting system provides superior acid retention and reduced corrosion from gassing. Screw in caps with rubber gaskets virtually eliminates leaking. Waffle bottom strengthens the case and resists puncture from stones and other foreign objects.

Exide Commercial Series

Exide knows that commercial vehicles can torture the life out of a conventional battery. So we have given you the first line of defense – a battery with the power and muscle for heavy equipment handlers everywhere.

Maintenance Free

free performance.

• Designed for maintenance

18-MONTH FREE REPLACEMENT

Pe

Reinforced ribbed case reduces acid washing, case distortion and unifies component stability. Waffle bottom strengthens the case and resists puncture from stones and other foreign objects. Suitcase handle, with convenient grip for easy installation, folds down for a compact fit. Available in 660 CCA

	BCI Group Size	Battery Type/No.	Terminal Type	CCA @ 0°F	CA @ 32°F	RC Min @ 25A	Length (in)	Width (in)	Height (in)
	1	#COM1HP	А	625	750	160	8-13/16	5-3/4	8-5/8
	2	#COM2P	А	625	750	150	10-1/4	5-7/8	9-5/16
Select	31T	#COM31D	Т	660	750	160	13	6-13/16	9-7/16
erformance	31A	#COM31E	А	660	750	160	13	6-13/16	9-3/8
Series	4D	#COM4DP	А	1000	1200	320	19-9/16	8-5/16	10
	4	#COM4ECP	А	975	1170	300	13	6-3/4	9-1/4
	4DLT	#F4DLT	А	820	970	250	20	8-1/8	8-1/8
	31T	#HC31D	Т	700	840	180	13	6-13/16	9-7/16
ommercial	31A	#HC31E A	700	840	180	13	6-13/16	9-3/8	
Series	31T	#HP31D T	925	1050	180	13	6-13/16	9-7/16	
	31A	#HP31E	А	925	1050	180	13	6-13/16	9-3/8

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T Terminal = Threaded Post

1-800-589-6589

A Terminal = Stud



Exide Nascar Select Automotive Batteries



Confidence You Can Count On. Solid power you can always count on. Available in sizes that fit most vehicles on the road today.

Exide offers the most extensive line of automotive and light truck batteries in the world - with sizes and power levels to fit 97 percent of vehicles on the road today. Whether you drive an economy car, a luxury sedan, a classic muscle machine or anything in between, we've got your battery. Exide's NASCAR features superior power and dependability that keeps you charged even in the harshest weather.

Free Jump Start

• 30-month free 24-hour emergency jump start assistance coverage.

Vibration Resistance

- Stabl-Lok
 anchored plates protect the battery from vibration damage.
- Heavy cast-on straps provide stronger connections, longer battery life and added resistance to failure due to cracking.

All-Climate

• Heavy duty grids versus ordinary car batteries provide enhanced durability under today's harsh operating conditions.

Maintenance Free

• Durable and corrosion resistant terminals designed for maintenance free performance.

30-MONTH FREE REPLACEMENT

Reserve Capacity (RC) minutes to operate emergency equipment, on-board accessories and computer.

• Wide selection of sizes – original equipment fitment in most vehicles.

BCI Group Size	Battery Type/No.	Terminal Type	CCA @ 0°F	CA @ 32°F	RC Min @ 25A	Length (in)	Width (in)	Height (in)
24	#24-84NA	700	850	120	10-5/8	6-3/4	9-1/8	
34	#34-84N	А	770	950	120	10-3/16	6-13/16	8
65	#65-84NA	750	900	130	11-9/16	5 7-7/16	7-9/16	
75	#75-84N	S	630	785	100	9-7/16	6-7/8	6-3/16
75DT	#75DT84N	A, S	630	785	100	9	6-15/16	8-1/8
78	#78-75NS	770	950	120	10-3/16	5 6-13/16	7-3/16	
78DT	#78DT84N	A, S	770	950	120	10-3/16	6-15/16	8-1/8

A Terminal = Stud (Top) S Terminal = Screw in (Side)





Exide Classic Automotive Batteries

Reliable Starting Power Available in a wide selection of sizes.

Exide offers the most extensive line of automotive and light truck batteries in the world - with sizes and power levels to fit 97 percent of vehicles on the road today. Whether you drive an economy car, a luxury sedan, a classic muscle machine or anything in between, we've got your battery. Exide's NASCAR features superior power and dependability that keeps you charged even in the harshest weather.

All Climate Heavy duty grids versus ordinary car batteries provide enhanced durability under today's harsh operating conditions.

Maintenace Free Designed for maintenance free performance

20-MONTH FREE REPLACEMENT

Designed to replace original equipment batteries and meet manufacturers' specifications.

BCI Group Size	Battery Type/No.	Terminal Type	CCA @ 0°F	CA @ 32°F	RC Min @ 25A	Length (in)	Width (in)	Height (in)
26R	#26R60	А	540	635	80	8-11/16	6-13/16 7-11	/16
27	#27-60	А	700	850	120	12-1/2	6-13/16 9	
51R	#51R60	А	450	540	70	9-5/16	4-15/16 8-11	/16
64	#64-60	А	575	725	110	11-11/16	6-5/16 8-7/	8
65	#65-60	Α	650	780	130	11-9/16	7-7/16 7-9/	16
86	#86-60	Α	630	785	90	9	6-13/16 8	

A Terminal = Stud (Top)





Exide Nautilus Marine/RV Deep Cycle Batteries

These batteries are designed to provide continuous operating time to run trolling motors, live wells, inverters, depth/fish finders, etc. They can be discharged and recharged many times without damaging the internal components of the battery.

When it comes to marine batteries, one size does not fit all. Which is why Exide oers a full line of marine batteries that gives you exactly what they need. Our Nautilus conventional-flooded line of starting, deep cycle and dual purpose batteries, provides power and reliability when your customers need it most, and durable performance when they are out on the open waters. So whether you're powering up a cabin cruiser or a bass boat, Exide has just the right battery for just about everybody.



Deep Cycle

• Incorporates thicker grids, denser active materials on the plates and alloys specifically designed to provide many cycles.

• Lead/antimony construction provides the proper combination of alloy composition and active material for cycling.

Reserve Capacity (RC)

• Features RC ratings up to 400 RC

• These batteries have a lower marine cranking amps (MCA) rating and a higher reserve capacity/amp hour rating, than dual purpose or starting types.

Vibration Resistance

• Enveloped polypropylene separators surround the plates, protecting them from vibration damage and normal active material shedding.

Amp Hours

• Features AMP hour ratings up to 200 AMP hours for continuous operating time.

12-MONTH FREE REPLACEMENT

• New, fold-down suitcase handle eases installation.

• Stainless steel threaded and SAE posts provide ease of installation and permit uncluttered wiring harness for electrical connections.

Add water as needed to maintain full-cycling performance

BCI Group Size	Battery Type/No.	Terminal Type	CCA @ 0°F	CA @ 32°F	RC Min @ 25A	Length (in)	Width (in)	Height (in)
24M	#NG24	М	400	500	140	10-3/16	6-13/16	9-7/16
24M	#NC24	М	500	625	120	11	6-13/16	9-1/2
27M	#NC27	М	575	730	160	12	6-13/16	9-1/2

M Terminal = MARINE





Exide Golf Cart Batteries



Exide has a full line of golf cart batteries to fit just about any application from golf carts to floor scrubbers.

Ordinary golf carts and other electric vehicles require extraordinary batteries to keep them humming worry free. Since nothing ruins a day on the links like a dead golf cart, Exide makes an advanced line of golf cart and electric vehicle batteries designed for increased cycle life and reduced maintenance time. All this backed by Exide's strong nationwide warranty program means you can worry more about your swing and less about getting to the next hole.

Vibration Resistant

• Cast-on strap/through-partition connectors provide improved electrical conductivity and strength for superior vibration resistance.

Speed Vents • Twist and release all vent caps with a single twist for guick and easy maintenance.

Reserve Capacity • Features RC Ratings up to 525.

AMP Hours

• Features AMP hour ratings up to 245 AMP hours (20 hour rate) for increased service life per charge cycle.

12-MONTH FREE REPLACEMENT

- Thicker, 5% antimony plates improve cycle life.
- Heavy duty sheet separators with antimony suppression extend life and reduce water loss throughout the battery's life.
- Heat-sealed container reduces leaks.
- Stainless steel studs resist corrosion and allow for easy installation.
- Check water level easily with split-ring indicator.
- Available in 6 volt and 8 volt.

BCI Group	Battery Type/					
Size	No.	Volts	RC Minutes @ 75A	Length (in)	Width (in)	Height (in)
GC2	#GC-110	6	110— Avg. Perf. Min.	10-5/16	7-1/8	10-7/8
GC2	#GC-110-Z	6	110 — Avg. Perf. Min.	10-5/16	7-1/8	10-5/16
GC2	#GC-135	6	135 — Avg. Perf. Min.	10-5/16	7-1/8	10-7/8
GC2	#GC-145	6	145 — Avg. Perf. Min.	10-5/16	7-1/8	11-5/8
GC8	#GC8V-110	8	110* — Avg. Perf. Min.	10-5/16	7-1/8	10-7/8
GC8	#GC8V8-118	8	118* — Avg. Perf. Min.	10-5/16	7-1/8	10-7/8

* Minutes @ 56 amps to 7.0 volts





EXIDE Lawn & Garden Batteries

Exide[®] Cutting Edge[®] garden tractor/utility batteries are designed to deliver consistent starting power and reserve capacity (RC) in every season. Perfect for light duty, garden tractor, utility, snow blower and snowmobile applications. Consistent, maintenance-free starting power. Available in U1 and U1R group sizes, with up to 235 Cold Cranking Amps.



Exide Cutting Edge[®] garden tractor/utility batteries are designed to deliver consistent starting power and reserve capacity (RC) in every season. Whether it's the first cut of spring, or three feet of snow on your driveway in the winter, Exide makes a Cutting Edge battery for almost every garden tractor, light utility vehicle, snow removal equipment and snowmobile application. All this, backed by Exide's strong nationwide warranty program, means you can spend less time worrying about your equipment and more time focusing on the job at hand.

"L" TYPE TERMINALS: Fits most cable assemblies with quick installation.

MAINTENANCE-FREE* CALCIUM/CALCIUM CONSTRUCTION: Just install it and forget it. No need to check electrolyte levels.

LIGHTWEIGHT POLYPROPYLENE CONTAINER/COVER: Reduces breakage and creates more room for power-producing plates.

THROUGH-PARTITION WELDS: Reduces electrical resistance to deliver more power per pound.

HEAT-SEALED CASE/CONTAINER: Resists damage from vibration and abuse.

6-MONTH FREE REPLACEMENT

ENVELOPED SEPARATORS: Virtually eliminates shorts and extends battery life.

VENTING SYSTEM: Dissipates gases and minimizes corrosion by quickly directing gases away from terminal.

INTERNAL FLAME ARRESTOR: Ensures customer and installer protection.

COMPUTER-CONTROLLED FORMATION: Controls charging rate, amp-hour input, and temperature during plate formation, which increases battery performance and durability.

REMOVABLE VENT CAPS: Provides quick and easy service when necessary.

Maintenance Free: Maintenance-free calcium/calcium construction

Heat-sealed case/cover resists damage from vibration and abuse. L-type terminals fit most cable assemblies for quick and easy installation. Polypropylene container reduces breakage and creates more room for power-producing plates.

	BCI Group Size	Battery Type/ No.	CCA @ 0°F	CA @ 32°F	RC Min @ 25A	Length (in)	Width (in)	Height (in)
Cutting Edge Xtra	U1	GT-XHD	350	420	38	10-5/16	7-1/8	10-7/8
Cutting Edge Coloct	U1	#GT-X	300	360	34	10-5/16	7-1/8	10-5/16
Cutting Edge Select	U1R	#GT-XR	300	360	34	10-5/16	7-1/8	10-7/8
	U1	#GT-H	235	280	25	10-5/16	7-1/8	11-5/8
Cutting Edge	U1R	#GT-R	235	280	25	10-5/16	7-1/8	10-7/8
	U1	#GT	165	200	17	10-5/16	7-1/8	10-7/8

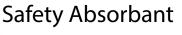




Floor Dry Compound 40 lb. bag - 50/pallet

- Quickly and easily soaks up messy spills
- For use in work or home enviroments
- Water abosrbancy (by weight) 79%
- Provides more absorbtion for the money
- 100% natural mineral
- Cleans up spills that can cause accidents
- Easy to use and transport
- Enviromentally friendly
- Granulation = Coarse









1-800-589-6589

2000



SPILL CONTROL

#PLU222

ABSORBANT BARREL MATS

- Heavy-weight absorbs virtually everything!
- Absobrs oils, water, coolants and solvents
- 22" pre-cut for perfect fit on 55-gallon steel drums
- Cleans up pump drips before they become puddles
- Wringeable and Incernerable reduces waste
- For indoor use
 - 25 mats per box

SPECIALTY ABSORBANT MATS

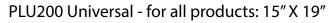
Long lasting and durable for rugged applications. High-loft Melt-Blown sorbent is ultrasonically bonded between two layers of lintfree SpunBond fabric.

- Tear-resistant to outlast other standard mats
- Low lint to prevent contamination of sensitive jobs
- Looks good for a long time inner layer traps grunge

PLP100 For Oil Products Only: 15" X 19"













1-800-589-6589

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GREEN



GREEN



RED

YELLOW



ATICOOLANT/ANTIFREEZE

Ethylene Glycol base/low silicate designed for both Automotive and Heavy Duty Truck applications calling for standard antifreeze.

- #AF001 CONCENTRATE: BULK
- #AF002 CONCENTRATE: 55 GALLON DRUM
- #AF003 CONCENTRATE: 6/1 GALLON CASE
- #PREMIXBK PRE-DILUTED 50/50 MIX: BULK
- #PREMIX PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #AF050 PRE-DILUTED 50/50 MIX: 6/1 GALLON DRUM

Chevron



CHEVRON SUPREME COOLANT/ANTIFREEZE

Ethylene Glycol base/low silicate with premium additive package designed for both Automotive and Heavy Duty Truck applications. This formulation is approved for 2 years or 50,000 miles in automotive service or up to 250,000 miles in heavy duty service when supplemental coolant additives are used and correct top up practices are followed.

- #227806982 CONCENTRATE: 55 GALLON DRUM
- #227806497 CONCENTRATE: 6/1 GALLON CASE
- #227809982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227809497 PRE-DILUTED 50/50 MIX: 6/1 GALLON CASE



CHEVRON DELO EXTENDED LIFE COOLANT

Delo Extended Life Coolant/Antifreeze products are heavy duty engine coolants that use a patented organic corrosion inhibitor technology called aliphatic carboxylates. Delo ELC is free of nitrates, borates, silicates, phosphates and amines. These products contain nitrites and molybdates for additional cylinder liner protection. Delo Extended Life Coolant/ Antifreeze products do not require the addition of supplemental coolant additives to obtain heir service life of 750,000 miles/8 years/12,000 hours with correct top-up practices.

- #227808982 CONCENTRATE: 55 GALLON DRUM
- #227808497 CONCENTRATE: 6/1 GALLON CASE
- #227811982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227811497 PRE-DILUTED 50/50 MIX: 6/1 GALLON CASE
- #227018366 DELO EXTENDER: 6/1 QUART



CHEVRON DELO EXTENDED LIFE COOLANT NITRITE FREE

Delo Extended Life Coolant/Antifreeze - Nitrite Free coolants are heavy-duty, ethylene glycol based engine coolants which incorporate patented organic corrosion inhibitor technology called aliphatic carboxylates. Delo ELC NF is a nitrite, nitrate, borate, phosphate, silicate, and amine-free formulation that provides maximum protection of the six basic metal alloys found in most heat transfer systems. Delo ELC NF has a recommended service life of 600,000 miles/12,000 hours/6 years.

- #227070982 CONCENTRATE: 55 GALLON DRUM
- #227071982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227071500 PRE-DILUTED 50/50 MIX: 4/1 GALLON CASE



1-800-589-6589

shradertireandoil.com



PURPLE



CHEVRON HEAVY DUTY COOLANT/ANTIFREEZE PHOSPHATE FREE

Chevron Heavy Duty Coolant/Antifreeze Phosphate Free is manufactured from ethylene glycol and a highly effective, heavy-duty corrosion inhibitor package that is phosphate free and contains nitrites and molybdates. Chevron Heavy Duty Coolant/Antifreeze Phosphate Free is compatible with other traditional heavy duty coolants containing SCAs.

- #227043983 CONCENTRATE: 55 GALLON DRUM
- #227043497 CONCENTRATE: 6/1 GALLON CASE
- #227045982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227045497 PRE-DILUTED 50/50 MIX: 6/1 GALLON CASE



YELLOW



CHEVRON UNIVERSAL ANTIFREEZE/COOLANT

Chevron Universal Anti-Freeze/Coolant is designed for use in all makes and all models of automobiles and light duty trucks regardless of fuel type built by American, European, or Asian OEMs. This formulation is approved for 150,000 miles/5 years of cooling system protection.

- #227058982 CONCENTRATE: 55 GALLON DRUM
- #227058497 CONCENTRATE: 6/1 GALLON CASE
- #227059982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227059497 PRE-DILUTED 50/50 MIX: 6/1 GALLON CASE





CHEVRON DEX-COOL EXTENDED LIFE ANTIFREEZE/COOLANTS

Designed for General Motors Vehicles. Can be used wherever a Dex-Cool product is called for. This formulation is approved for 150,000 miles/5 years of cooling system protection.

- #227807497 CONCENTRATE: 6/1 GALLON CASE
- #227810982 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM
- #227810497 PRE-DILUTED 50/50 MIX: 6/1 GALLON CASE





CHEVRON CUSTOM MADE ANTIFREEZE

Designed for FORD AND CHRYSTLER Vehicles. Protection for 5 years/100,000 miles.

- #227798497 CONCENTRATE: 6/1 GALLON CASE
- #CUSTOM5050 PRE-DILUTED 50/50 MIX: 55 GALLON DRUM





YELLOW





REAK GLOBAL LIFETIME ANTIFREEZE/COOLANT

Features a patented, advanced organic acid technology that provides guaranteed LifeTime protection - for as long as you own your vehicle!* Its patented inhibitors will provide maximum protection against damaging rust and corrosion in all automobiles and light trucks worldwide, regardless of make, model, year or original antifreeze color.

• #AF00655 - CONCENTRATE: 55 GALLON DRUM • #AF006 - CONCENTRATE: 6/1 GALLON CASE



RV Antifreeze can protectS your recreation vehicle (RV), boat, cottage or pool against extreme freezing temperatures. This ready-to-use winterizer is bio-friendly for safe and effective protection. This Propylene glycol based formula protects from extreme freezing temperatures to -50°F and is a ready-to-use winterizer.

• #AF00455 - CONCENTRATE: 55 GALLON DRUM • #AF004 - CONCENTRATE: 6/1 GALLON CASE

COOLANT TESTING/ADDITIVES



CHEVRON REFRACTOMETER



The professional tool for accurate testing of coolant/antifreeze for freeze point.

CHEVRON ELC TEST KIT



For testing DELO ELC to determine the extended life attributes.



WIX Wix Cool Heavy Duty SCA (Supplemental Coolant Additive)

#900546

#24056 - 16 oz./1 pint #24058 - 1/2 gallon For increasing the concentration of SCAs during regular servicing based on the test strip reading. Follow instructions supplied with test strips.

WIX Heavy Duty Coolant Test Strips



#24106

For testing the concentration of Supplemental Coolant Additives (SCAs). 50 Heavy Duty Coolant test strips



For testing the concentration of Supplemental Coolant Additives (SCAs). Contains 50 test strips, syringe, and index reference chart.





#CONCENTRAT - 55 gal. #WW220 - 55 gal. #WW221-6/1 gal.

EATI Windshield Washer Solvent

Our specially formulated windshield washer solvent products remove oil, road grime, and bugs from your windshield. Depending on the need, there are several different levels of freezing protection available.

* Concentrate mix with 60% water will protect down to -20°F



Windshield Washer Concentrate

Windshield washer concentrate is specially formulated to remove road grime and bugs from the windshield. Unlike the premixed version of this product, this product comes in a concentrated form and allows the user to create their own level of freeze protection by mixing the concentrate with water according to the ratios that appear on the label. The higher percentage of concentrate the lower the freezing point of the mixture.



#WW22255 - 55 gal. #WW222 - 6/1 gal.



PEAK Deicer with Rain-Off

PEAK Deicer with Rain-Off is a premium winter season formula. The advanced formula enables you to more clearly see the road.

In the cold winter, PEAK Windshield Wash:

- Is effective to -30°F
- Will not freeze on windshield
- Deices light ice and frost



Windshield De-icer

Windshield de-icer is formulated with a special surfactant blend which dissolves and lifts both dirt and oily film from glass surfaces. It is intended for use in all cars and trucks and gives freeze protection down to -40°F. It also has the unique property of not freezing on the windshield, even after it's applied.



1-800-589-6589

#WDI - 12/12 oz.



#MS001 - Bulk #MS002 - 55 gal. #MS003 - 5 gal.



Mineral Spirits are a multipurpose (non-dulling) paint thinner and parts cleaner that make dirt, grease and grime disappear. Make your tools shine with our ATI Lubricants Mineral Spirits in fivegallon pails, 55 gallon drums or in bulk.



#142005 - 5 gal. #142055 - 55 gal.



Our Stoddard Solvent is a low odor, less irritating parts cleaner. Use ATI Lubricants 142 Solvent in applications where a flashpoint of 150°F or higher is needed.



#METHANOL - 55 gal. #KEROSENE55 - 55 gal. #ISO - 55 gal. #IPOH1 - 24/12 oz.



55 Gallon drum of methanol for multiple uses.



Kerosene

55 Gallon drum of Kerosene for space heaters, stoves and oil lamps.

Clean burning



Isopropyl Alcohol

Isopropyl Alcohol is 100% pure isopropyl alcohol, is a mild alcohol cleaner and water dispersant. Isopropyl Alcohol is used to absorb moisture in the vehicle fuel systems and provide easier starting.





#ABA2 - 6/1 gal #ABA1EACH - 1 qt

Air Brake Antifreeze

During cold weather periods, moisture can accumulate and freeze in the air brake system of heavy duty trucks causing damage to the system. Our air brake antifreeze is a methanol-based product with a rust inhibitor added that provides protection against freeze-up in the brake lines of heavy duty trucks that are equipped with air brake systems.



#GLAF1 - 24/12 oz.

Gas Line Antifreeze

During cold weather periods, moisture can accumulate in the fuel system making vehicles hard to start and run poorly. Gas line antifreeze is a methanol-based product that can be added to your gas tank to protect against frozen fuel lines and carburetor icing. It will absorb moisture in the entire fuel system to provide easier starting. It should be used when either the fuel line is frozen or moisture (water) is suspected of being in the gasoline.



Power Steering Fluid

It is necessary to keep the power steering fluid reservior full at all time to ensure proper operation of the system and smooth movement of the steering mechanics. Power steering fluid meets the service requirements of U. S. and foreign made automobile manufacturers. This fluid will help condition and quiet seals, reduce wear and prevent leaks and will mix with other original power steeriuing fluids.



#HDBF1 - 12/12 oz. #HDBF2 - 12/1 qt. #HDBF3 - 3/1 gal.

Brake Fluid

Our premium D.O.T. 3 brake fluid can be used whenever D.O.T. 3 is recommended by the manufacturer for cars, trucks and motorcycles. This brake fluid meets or exceeds the United States Federal Motor Vehicle Standard 116, VV-B-680B and SAE J1703. It also provides excellent performance over the intended temperature range and will mix with all other approved D.O.T. 3 brake fluids.





Bar & Chain Oil

Bar & chain oil is a specially formulated oil for reducing friction and drag for extended chain, bar, and sprocket life. This oil has excellent wetting characteristics to assure complete coverage of the affected metal surface.



Freon - Tetrafluoroethane

R-134a Refridgerant:

• 30 lb.



Octane Booster

Octane is a measure of how well a fuel burns. Automotive engines require a fuel of some minimum octane to run properly. If the octane level is too low, the engine will ping which can cause damage to the valves and pistons. Our octane booster increases the octane of the fuel which helps the engine run smoothly. It also helps to clean the intake manifolds and intake valves.



Fuel Injector Cleaner

Poor quality engine fuel can cause gum and varnish to build up in the fuel lines and injectors. This can cause rough idling and poor engine performance. Our fuel injector cleaner dissolves the gum and varnish to help keep the fuel system clean and functioning properly.





ECHRON[®] CONCENTRATE PLUS RESTORES FUEL ECONOMY.

- Its patented formula can restore fuel system components to nearly original condition in just one treatment
- Techron[®] Technology is trusted and recommended by leading domestic, European and Asian automakers

One bottle recommended every 3,000 miles or at your oil change



FUEL SYSTEM CLEANER EXCLUSIVE SYNTHETIC FORMULA

NAME AND ADDRESS AND ADDRESS OF STATUE

Visit TechronConcentrate.com for more information.





Vision Dary your anterceptory will store unter



Chevron

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Part No.	Size	Treats
266368279	6/12oz.	12 Gallons (1 bottle)
266368280	6/20oz.	20 Gallons (1 bottle)





DIESEL FUEL SUPPLEMENT®

Diesel Fuel Supplement +Cetane Boost is an antigel/ winterizer that is used in the cold winter months to keep fuel-filters from plugging with wax and to prevent fuel gelling. This Arctic Formula effectively treats all diesel fuels to keep equipment running trouble-free for maximum winter operability. Diesel Fuel Supplement is intended for use only during cold winter months when temperatures drop below + 30°F. Use Diesel Kleen +Cetane Boost for peak performance in non-winter months. If your vehicle will not start or gain power in cold temperatures, use Diesel 911 as directed on the container label.



DIESEL FUEL SUPPLEMENT BENEFITS

- Prevents fuel gelling in temperatures as low as 40°F.
- Equals performance of a 50/50 blend of No. 2 and No. 1 diesel fuels
- Lowers Cold-Filter Plugging Point (CFPP) as much as 36°F. keeps fuel-filters from plugging with wax
- Boosts cetane up to 4 numbers for faster cold starts
- Contains Slickdiesel® Lubricator for maximum fuel lubrication protects pumps and injectors from accelerated wear
- Contains anti-icing additive protects against fuel-filter icing
- Contains wax anti-settling dispersants protects against fuel-filter plugging at temperatures below the fuel cloud point
- Disperses water in diesel fuel
- Effective in all diesel fuels, including Ultra Low Sulfur Diesel (ULSD) and biodiesel blends containing up to 20% biodiesel (B20)

	Part No.	Size	Treats
CONVENIENCE +CETANE	1016	9/1 16-Ounce	Up to 40 Gallons
BOOST FORMULA – 1:400	1025	12/1 32-Ounce	Up to 100 Gallons
TREATMENT RATIO			
CONCENTRATED +CETANE BOOST FORMULA – 1:100 TREATMENT RATIO	1128	4/1 One-Gallon	Up to 1,000 Gallons
	1060	260-Gallon Tote	Up to 260,000 Gallons
CONCENTRATED +CETANE	1050	Two/2.5-Gallon	Up to 3,750 Gallons
BOOST FORMULA – 1:500	1055	55-Gallon Drum	Up to 82,500 Gallons
TREATMENT RATIO	1260	260-Gallon Tote	Up to 390,000 Gallons





DIESEL KLEEN®

Max HP Formula – use during non-winter months for the ultimate in performance.

Diesel Kleen +Cetane Boost is a technologically advanced diesel engine performance improver that cleans injectors, boosts cetane and lubricates fuel injection components. This Max HP Formula restores lost power, smooths roughrunning engines and improves fuel economy up to 8%. Diesel Kleen can be used yeararound, but it is not a diesel fuel winterizer



or antigel. When winter temperatures drop below + 30°F, use Diesel Fuel Supplement +Cetane Boost to provide maximum winter protection for your diesel engine.

DIESEL KLEEN BENEFITS

- Cleans dirty injectors and prevents injector sticking in all engines, including High Pressure
- Common Rail (HPCR) systems
- Boosts cetane up to 6 numbers engines run smoother with less power lag and faster cold starts
- Boosts power reduces need for downshifting during high-load conditions
- Improves fuel economy up to 8% fuel savings exceed cost of additive
- Contains Slickdiesel® Lubricator for maximum fuel lubrication protects pumps and injectors from accelerated wear
- Stabilizes stored fuel
- Prevents thermal/oxidative breakdown of diesel fuel protects against sludge formation that plugs fuel-filters and injectors
- Effective in all diesel fuels, including Ultra Low Sulfur Diesel (ULSD), biodiesel and biodiesel blends

	Part No.	Size	Treats
CONVENIENCE +CETANE	3016	9/1 16-Ounce	Up to 40 Gallons
BOOST FORMULA – 1:400	3025	12/1 32-Ounce	Up to 100 Gallons
TREATMENT RATIO			
CONCENTRATED +CETANE			
BOOST FORMULA – 1:100	3128	4/1 One-Gallon	Up to 1,000 Gallons
TREATMENT RATIO			
CONCENTRATED +CETANE	3850	Two/2.5-Gallon	Up to 3,750 Gallons
BOOST FORMULA – 1:100	3855	55-Gallon Drum	Up to 82,500 Gallons
TREATMENT RATIO	3860	260-Gallon Tote	Up to 390,000 Gallons







DIESEL 9•1•1® For Winter Emergencies

Winter Rescue Formula – use to reliquefy gelled fuel and de-ice frozen fuel-filters.

Diesel 9•1•1 is a Winter Rescue Formula designed to solve your diesel fuel emergencies during the cold winter months. Diesel 9•1•1 does not prevent fuel gelling – use Diesel Fuel Supplement +Cetane Boost as a preventive measure to keep fuel from gelling. Diesel 911 and Diesel Fuel Supplement +Cetane Boost are compatible in diesel fuel and may be used at the same time.

DIESEL 9•1•1 BENEFITS

- Prevents & De-ices frozen fuel-filters & Reliquefies gelled fuel
- Removes water from fuel system extends life of fuel-filters, fuel-injection pumps and fuel injectors
- Contains Slickdiesel® Lubricator for maximum fuel lubrication protects pumps and injectors from accelerated wear
 Effective in all diesel fuels, including Ultra Low Sulfur Diesel (ULSD) and biodiesel blends containing up to 20% biodiesel (B20)



Size	Treats
9/1 16-Ounce	Up to 40 Gallons
12/1 32-Ounce	30 to 75 Gallons
Two/2.5-Gallon	Up to 500 Gallons
55-Gallon Drum	Up to 11,000 Gallons
	9/1 16-Ounce 12/1 32-Ounce Two/2.5-Gallon





ARCTIC EXPRESS® DIESEL FUEL ANTIGEL

Arctic Express® Diesel Fuel Antigel provides better cold weather operability than blending with kerosene or No. 1 diesel fuel and costs 80 percent less. Arctic Express® not only modifies the shape and size of wax crystals which fall out of solution as the temperature decreases, but also prevents the wax crystals from settling to the bottom of fuel tanks during storage. Arctic Express® lowers the CFPP of No. 2 diesel fuel as much as 36°F. and prevents fuel gelling in temperatures as low as -40°F. Arctic Express® also provides anti-icing and lubricity benefits that are unobtainable with blended fuels.

ARCTIC EXPRESS® DIESEL FUEL ANTIGEL BENEFITS

- Prevents fuel gelling in temperatures as low as -40°F.
- Equals performance of a 50/50 blend of No. 2 and No. 1 diesel fuels
- Lowers Cold-Filter Plugging Point (CFPP) as much as 36°F. keeps fuel-filters from plugging with wax
- Keeps fuel liquid during extended engine shutdowns
- · Contains anti-icing additive protects against fuel-filter icing
- Meets lubricity requirements for all diesel fuel injection systems reduces pump and injector wear
- Excellent cold-weather handling characteristics
- Ultra Low Sulfur Diesel (ULSD) compliant contains less than 15 parts per million (ppm) sulfur
- Effective in all diesel fuels, including ULSD and biodiesel blends containing up to 20% biodiesel (B20)

	Part No.	Size	Treats
CONCENTRATED +CETANE	7050	Two/2.5-Gallon	Up to 7,500 Gallons
BOOST FORMULA – 1:150		55-Gallon Drum	Up to 82,500 Gallons
TREATMENT RATIO	7260	260-Gallon Tote	Up to 390,000 Gallons





POWER



ARCTIC EXPRESS® BIODIESEL ANTIGEL

Biodiesel immediately and seamlessly transforms a diesel fleet into a cleaner burning, alternatively fueled fleet without added investment in infrastructure. However, cold-weather operational problems have limited its use during winter months. Power Service Arctic Express® Biodiesel Antigel eliminates cold-weather operational problems associated with the use of diesel fuels containing up to 20% biodiesel (B20).ArcticExpress®BiodieselAntigelkeepsfuel-filtersfrom plugging with wax and prevents fuel gelling without the need to blend with No. 1 dieselfuel or kerosene.



ARCTIC EXPRESS® BIODIESEL ANTIGEL BENEFITS

Effectively treats biodiesel made from soybeans, vegetable oils or fats (yellow grease); results with animal fat biodiesel B20 blends may vary, and may require higher dosages to improve Cold-Filter Plugging Point (CFPP)

Prevents fuel gelling in B20 fuels in temperatures as low as -40°F. — keeps fuel liquid during extended engine shutdowns

Lowers Cold-Filter Plugging Point (CFPP) of B20 fuels as much as 30°F.

Exceeds the CFPP and Pour Point performance of a B20 fuel blended with 50% No. 1 diesel

Reduces or may eliminate the requirement for blending with No. 1 diesel fuel or kerosene Reduces wear rates on fuel injection pumps and injectors that are associated with the use of No. 1 diesel fuel or kerosene

Superior lubrication requirements of biodiesel provide decreased wear rates on fuel injection pumps and injectors

Allows for the implementation of a biodiesel alternative fuel program during winter months and a cleaner environment with less dependency on crude-derived feed stocks

Ultra Low Sulfur Diesel (ULSD) compliant — contains less than 15 parts per million (ppm) sulfur

Effective in all diesel fuels, including ULSD and biodiesel blends containing up to 20% biodiesel (B20)

	Part No.	Size	Treats
CONVENIENCE +CETANE	3016	9/1 16-Ounce	Up to 40 Gallons
BOOST FORMULA – 1:400	3025	12/1 32-Ounce	Up to 100 Gallons
TREATMENT RATIO			
CONCENTRATED +CETANE			
BOOST FORMULA – 1:100	3128	4/1 One-Gallon	Up to 1,000 Gallons
TREATMENT RATIO			
CONCENTRATED +CETANE	3850	Two/2.5-Gallon	Up to 3,750 Gallons
BOOST FORMULA – 1:100	3855	55-Gallon Drum	Up to 82,500 Gallons
TREATMENT RATIO	3860	260-Gallon Tote	Up to 390,000 Gallons







BIO KLEEN® DIESEL FUEL BIOCIDE

A dual-phase biocide to kill microbes, bacteria and fungus.

Microbes in the form of bacteria and fungus are present in all diesel fuels. Long periods of fuel storage can create ideal opportunities for microbes to grow in fuel tanks. The first indication of microbial contamination is mucous-like accumulations on fuel-filters and increased requirements for fuel-filter replacement. Microbes can only be removed from the fuel system by use of a diesel fuel biocide.



2

BIO KLEEN BENEFITS

- Dual-Phase effective in both diesel fuel and water as recommended by major diesel engine manufacturers
- Effective as a "quick-kill" biocide and for long-term diesel fuel maintenance
- Kills microbes (bacteria and fungi) that grow in dispersed and free water associated with diesel fuels
- Prevents fuel-filter plugging helps prevent fuel system failures
- Protects fuel system components against organic acids created by microbial growth --- prevents fuel tank corrosion
- Improves fuel performance
- Reduces engine maintenance costs
- Burns similarly to diesel fuel (>106,000 BTU/Gal)
- Effective in all diesel fuels, including Ultra Low Sulfur Diesel (ULSD), biodiesel and biodiesel blends

Part No.	Size	Shock Treatment	Maintenance Treatment
9016	9/1 16-Ounce	320 Gallons	880 Gallons
9055	55-Gallon Drum	146.300 Gallons	387.200 Gallons
9055	55-Gallon Drum	146,300 Gallons	387,200 Gallons





CLEAR-DIESEL® Fuel & Tank Cleaner

Fuel Polishing Formula – use to clean and maintain a fuel system.

Clear-Diesel Fuel & Tank Cleaner is an advanced diesel fuel and tank cleaning technology that has been proven effective in fleet, marine and agricultural applications. This Fuel Polishing Formula disperses fuel contaminants and stabilizes fuel during long-term storage. It can be used as a vital part of any preventive maintenance program or for immediate clean-up of equipment or fuel storage tanks.

CLEAR-DIESEL BENEFITS

- Disperses diesel fuel contaminants and removes water
- +PetroFresh® provides maximum long-term storage stability keeps fuel fresh
- Prevents premature fuel-filter plugging and Protects against fuel tank corrosion

• In winter, prevents fuel-filter icing and effective in all diesel fuels, including Ultra Low Sulfur Diesel (ULSD) fuel, biodiesel and biodiesel blends

	Part No.	Size	Treats
CONCENTRATED +CETANE	9216	9/1 16-Ounce	Up to 40 Gallons
BOOST FORMULA – 1:400		6/1 32-Ounce	Up to 100 Gallons
TREATMENT RATIO			
SUPER CONCENTRATED	9228	4/1 One-Gallon	Up to 1,000 Gallons
+CETANE BOOST FORMULA -	9250	Two/2.5-Gallon	Up to 2,500 Gallons
1:1,000 TREATMENT RATIO	9255	55-Gallon Drum	Up to 55,000 Gallons







THE MOST TRUSTED ANTI-GEL & FUEL CONDITIONER



PREVENTS DIESEL Fuel from gelling



ADDS Lubricity



REMOVES WATER

OUR GUARANTEE 🚲

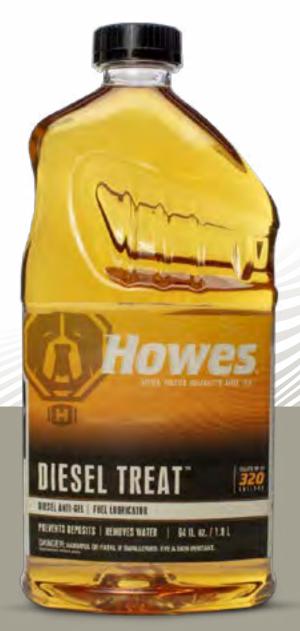
DEPOSITS

All Howes products from automotive to trucking carry a 100% satisfaction guarantee or your money back. If you are not satisfied with this or any Howes product, simply mail us your original receipt for a full refund. Howes Diesel Treat also carries a Free Tow Guarantee. With Howes, YOU go or WE pay the tow! Visit howeslube.com for more details.

WARRANTY SAFE

Overuse is not harmful. Safe and effective in all diesel emission systems (including HPCR).

HOWESPRODUCTS.COM | 1-800-GETHOWES (438-4693)









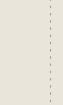
FARM FORMULATED FOR Ultimate performance







BOOSTS ENGINE PERFORMANCE & POWER





OUR GUARANTEE 🚕

CLEANS

& LUBRICATES

All Howes products from farm to freeway carry a 100% satisfaction guarantee or your money back. If you are not satisfied with this or any Howes product, simply mail us your original receipt for a full refund.

WARRANTY SAFE

Overuse is not harmful. Safe and effective in all diesel emission systems (including HPCR).

HOWESPRODUCTS.COM | 1-800-GETHOWES (438-4693)









MULTI-PURPOSE

LUBRICATOR AND PENETRATING OIL



LUBRICATES











All Howes products from automotive to trucking carry a 100% satisfaction guarantee or your money back. If you are not satisfied with this or any Howes product, simply mail us your original receipt for a full refund.

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#90100 - 24/8 oz.



#90106 - 12/32 oz.



#90149 - 12/12 oz.



#90125 - 12/16 oz.



Fuel Power Original Formula

• Removes gum and varnish

• Lubricates entire fuel system

· Prevents formation of acids

• Contains Fuel Power

· Lowers cold filter plug point

· Lowers pour point

· Corrosion inhibitor & fuel stabilizer

Increases combustion for greater efficiency

Fuels have changed but the features of Fuel Power have not. Fuel Power is compatible with all grades of fuel and can be used year round providing several benefits.

Used regularly, Fuel Power can offer the following benefits:

- Totally disperses water
- Creates hydrogen polar bonding
- Cleans entire fuel injector system
- Controls waxing and gelling
- Contains No Alcohols! and prevents icing in fuel
- Greater efficiency means more power and increased fuel economy



Polar Power Anti-gel & Water Dispersant

Polar Power is a high effective formula specifically formulated to provide significant performance benefits in all diesel fuels, including ultra low sulfur diesel and bio-diesel fuel blends.

This unique formulation combines all the benefits of Fuel Power with the most advanced cold flow improver on the market. Polar Power provides superior protection in the cold weather months.

Polar Power can offer the following benefits:

- Now with lubricity for ultra low sulfur fuel!
- Contains wax dispersant
- Contains seed crystal modifier
- Contains No Alcohols!



4000 Cooling System Treatment

FPPF 4000 CST is a concentrate utilizing today's technology to create a combination corrosion inhibitor and scale dispersant specifically designed to maintain heat transfer in all closed cooling systems. This product contains anionic polymers, surfactants, molybdenum and more to provide protection to all types of metals, including aluminum.

By removing the existing scale, eliminating foaming, and reducing cavitation, 4000 CST improves the efficiency, decreases the potential for overheating and extends the engine life.

Safety and Quality

It is non-toxic, non-corrosive, and will not affect gaskets and hoses. Our quality cooling system treatment is compatible with all types of antifreeze including Glyclean.



Multipurpose Big Red Grease

Big Red is a remarkable, highly efficient nonchlorinated lubricant in an easy to use spray can. This product sprays out as a thin, penetrating liquid and sets as a thick, red grease. The grease withstands temperatures to 500°F and resists "throw-off" from moving parts. Included in the formula are additives for antirust, antiwear, oxidation and for water and acid resistance.

This product contains no CFC's (Chlorofluorocarbons).





<u>#90128 - 12/20 oz.</u>



FPPF Streakproof Complete Glass Cleaner

CompleteTM Glass Cleaner is a powerful aerosol that is pleasant to use because of a new modern "streakproof" formula that cuts through really tough dirt - effortlessly. This is an anti-fogging, ammonia fortified product that will leave surfaces sparkling clean without any residue.

Use Complete Glass Cleaner to clean the following surfaces:

- Windows & Mirrors
- Stainless steel & Chrome
- This product is biodegradable

- Tile & Porcelain
- Glass Tables & Windshields
- This product contains no CFC's



#90356 - 4/1 gal.

EPPF Premium Trailer Brightener

Trailer Brightener is a highly concentrated acid wash and cleaner that cleans all aluminum and stainless steel surfaces. It will remove oils, greases, carbon and oxidation, restoring a bright new appearance. Trailer Brightener can be used with hot or cold water and can be used with pressure automatic equipment or applied by hand.

Used regularly, Trailer Brightener can offer the following benefits:

- Acid Enhanced, for use on aluminum and stainless steel.
- Outperforms competitive cleaners in independent test.
- Thoroughly cleans and brightens by removing dirt, grime, corrosion and road film.
- This product is biodegradable and renews original lustre.



#90361 - 4/1 gal



FPPF Premium Truck Wash

Truck Wash is a concentrated truck and trailer wash and cleaner designed to remove all types of grime, dirt, road film and grease. This product works quickly to dissolve dirt and grease from all surfaces. Truck Wash rinses quickly and does not water spot. Truck Wash is safe for use on all painted, fiberglass-reinforced plastic, aluminum and stainless steel finishes. Truck Wash will not harm rubber, glass or plastic. Truck Wash can be used with pressure washers and automatic systems, or can be applied by hand.

Used regularly, Truck Wash can offer the following benefits:

- For use on all painted and metal surfaces.
- Super cleaning action.
- Outperforms competitive cleaners in independent tests. This product is biodegradable.
- Removes road film and grease.
- Can be used in pressure washers.





#85R1 - 1 gt



#05330 - 12/12 oz.



Air Tool Oil

Marvel added to the original Marvel Mystery Oil® to create a specially formulated tool oil for use in all piston type and rotary air tools, as well as in-line air lubricators.

Marvel[®] Air Tool Oil prevents rust formation in air tools while providing positive lubrication for smoother starting, longer lasting tools. Marvel Air Tool Oil assures the maximum performance of your tools by dissolving gum and sludge that reduce tools speed and power.



The world famous PB Blaster Penetrating Catalyst is more than just great. PB quickly breaks loose surface tension rust and corrosion by creeping up, around and in to hard-to-reach cavities. It's ideal for brake, exhaust and suspension system jobs. Plus, lubricating film remains on parts to help prevent further rusting.

- A true penetrant
- Rust inhibitor

- Formulated in 1957
- Much higher flashpoint ** 152F
- 12/12 oz. case
- Non-evaporating lubricant · Breaks loose surface tension of rust/frozen parts
- · Saves time & money by ensuring user will not have
- to burn off or drill out nuts & bolts or other expensive

& time consuming means of repairs



📙 🅄 🚱 BRAKLEEN ORIGINAL BRAKE CLEANER

The original brake parts cleaner. Formulated to quickly & effectively remove grease, brake dust, brake fluids, oils, & other contaminants from brake parts, lining, pads.

Applications: ABS, disc, drum, brake cylinders, brake drums, brake linings, brake shoes, calipers, clutch discs, disc brake pads, discs. Safe for use on

#05089 - 12/19 oz.



#05088 - 12/14 oz.



all brake systems including: Springs & Wedge brakes.

The Brake Cleaner to use where compliance calls for a chlorinefree product. Formulated to quickly remove brake fluid, grease, oil, and other contaminants from brake linings & pads.

Applications: ABS, disc, drum, brake cylinders, brake drums, brake linings, brake shoes, calipers, clutch discs, disc brake pads, discs. Safe for use on all brake systems including: Springs & Wedge brakes.





#05037 - 12/10 oz.

URE WHITE LITHIUM GREASE

A high quality, multi-purpose grease for automotive, shop, and home use. Provides long lasting lubrication with excellent water and heat resistance and film strength in any weather or temperature. Ideal for all metal to metal lubrication.

Applications: Hinges, latches, overhead door tracks, open gears, chains, cables, slide conveyors, guide rails, cams, pistons, machinery, tools, & equipment. A break-in lubrication for bearings.



#05532 12/1 qt. case ____



Provides complete winter protection for all brake systems. Will eliminate and prevent moisture accumulation and icing.

Applications: For use in all air-brake systems.



THRUST STARTING FLUID

Produces quick, smooth starting of gasoline and diesel engines under extreme cold conditions down to -65° F. Saves battery and ignition during cold weather. Contains upper cylinder lubricant and corrosion inhibitors.

#SFA1 - 12/11 oz. #SFA2 - 12/8 oz. #5315 - 12/11 oz.**



#EB1 - 12/16 oz.

under extreme cold conditions.

Applications: To promote quick starting of gasoline and diesel engines





ENGINE BRITE - HEAVY DUTY ENGINE DEGREASER

Requires no tools or special skills. Inexpensive way to clean equipment. Emulsifies oil and greasy surfaces clean before your eyes.

Applications: Removes grease and grime from auto, power mower, marine and tractor engines, metals, concrete and tires, industrial equipment were water is permitted.





#01010 - 2 oz. *60 PER CASE



Effectively and conveniently lubricates 5th wheel top plates of trailer. Premeasured grease comes in handy pouch, requires no tools, creates no mess. Packaging disintegrates leaving no waste. Graphite lubricant designed for heavy duty applications and effective at extreme temperatures and environmental conditions.

Suggested Applications: All Fifth Wheel applications, sliding and oscillating to all vehicle types



#24105 - 11 oz. *12 PER CASE



OEM specified. For dealership warranty requirements, ensures extended drivetrain warranty compliance. Fast-curing formula. Sensor safe, low odor, noncorrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties through use of a patented adhesion system. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent; resists auto and shop fluids and vibration.

Suggested Applications: Valve covers, oil pans, intake manifold end seals, timing covers, transmission pans



#25219 - gal



Fast Orange Pumice Lotion Hand Cleaner

The #1 selling, biodegradable*, waterless, petroleum solvent-free hand cleaner that contains no harsh chemicals, mineral oils or ammonia that can sting cuts and abrasions. Pure, fresh-smelling natural citrus power does the cleaning. Fortified with aloe, lanolin, glycerin, and other skin conditioners. Fine Pumice formula gently deep cleans the toughest dirt. Works great on laundry stains, scuff marks, tile floors, pet odors and many other household cleaning needs.

Suggested Applications: Removes resins, oil, grease, tar, grime, soil, printers' ink, epoxies, paint, rubber cement, gasket and tile cements





#80370 - 6 oz. *12 PER CASE

Sealer Permater Battery Protector & Sealer

Stops terminal corrosion and increases battery life. Spray on battery terminals, in or out of storage. Aerosol - Level 3*

Suggested Applications: Automotive, marine, farm machinery, and motorcycle batteries.



#80632 - 4 oz. *12 PER CASE



Economical general-purpose fitting sealant. Outperforms tapes and pipe dopes. Seals and resists pressure in air, oil, diesel fuel and hydraulic systems. Remains pliable at higher and lower temperatures. Temperature range -65°F to 300°F (-54°C to 149°C); resists common shop fluids.

Suggested Applications: Air conditioning fittings, temperature sending fittings, hydraulic fittings



#82180 - 3.35 oz. *12 PER CASE



Permater RTV Silicone Gasket Maker

OEM specified. For dealership warranty requirements, ensures extended drivetrain warranty compliance. Fast-curing formula. Sensor safe, low odor, noncorrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties through use of a patented adhesion system. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent; resists auto and shop fluids and vibration.

Suggested Applications: Valve covers, oil pans, intake manifold end seals, timing covers, transmission pans



AMERICAN FORGE&FOUNDRY, INC."

3 1/2 TON HEAVY-DUTY JACK W/ DOUBLE PUMPER

The AFF 350SS is a top seller in the Professional Series of service jacks due to it's speed and efficiency, thanks to the double-pumper advantage for quicker lifting.

- Lifts from 4" to 19-1/2"
- Pinned steel saddle (1-1/8" stud) with rubber pad for added vehicle protection
- Rear mounted 2-3/4" swivel casters for ease of maneuverability
- One piece 50-1/4" padded handle parks upright
- Equipped with a double pump design to increase speed without compromising overall performance of the jack
- Second volume pump assists in getting the saddle to load much quicker than most other single pump designs on the market today

#350SS

Capacity	Low Height	High Height	Length	Front Width	Rear Width	Ship Weight
3 1/2 Ton	4"	19-1/2"	29"	11-1/4"	15"	119 lbs.







MERICAN FORGE&FOUNDRY INC



22 TON AIR/HYD AXLE JACK W/ 3PC EXT KIT

- Heat treated cylinder wall & chromed piston give added stability & longer jack life
- Alloy steel lifting mechanism for added durability and operator safety
- Precision engineered tolerances for maximum performance
- In-line filter to protect air motor from contaminants
- Corrosion-resistant aluminum and nylon composite air motor
- Ram extension kit included with 3/4", 2-3/4" and 4" extensions

AMERICAN FORGE&FOUNDRY INC.

- Large 7-3/4" rear wheels for easy positioning
- Automatic in-line oiler to lubricate air motor
- Grommet retainers no need for clevis pins

#565E

Capacity	Ram Lift	Low Height	High Height	Reach	Width	Ship Weight
3 1/2 Ton	4"	19-1/2"	29"	11-1/4"	15"	119 lbs.



- Safety bypass syste
- Dual ram return springs.
- Saddles are machine-hardened steel
- Capacity: 20 Tons
- Low Ht: 10-1/2"
- High Ht: 20"
- Lift: 6-1/4"
- Screw Ext: 3-1/4"
- Base: 9-1/2"x 6-1/2"
- Ship Wt: 38 lbs.

Lift Ship Weight Capacity Low Height **High Height** Screw Extension Base 20 Ton 10 1/2" 20" 6 1/4" 3 1/4" 9 1/2" x 6 1/2" 38 lbs.



#5520B





BOTTLE JACKS

AFF Bottle Jacks are built "Forge-tough" in a wide selection of capacities for automotive, marine, construction, industrial and agricultural applications where the ability to lift, push, spread, bend, press and straighten either horizontally or vertically are essential. All have centered pumps and rams with heat-treated pistons for balance and easy positioning. Their saddles are made of machine hardened steel.

12-20 Tons

Part No.	Capacity	Low Ht.	High Ht.	Lift	Screw Ext.	Base
3512	12 Tons	8-1/2"	17"	5-3/4"	2-3/4"	5-1/2"x 5-1/4"
3514	12 Tons	7"	13"	4"	2"	5-1/2"x 5-1/4"
3520	20 Tons	9-5/8"	18-1/4"	6-3/8"	2-1/4"	6-3/4"x 6-1/4"
3522	20 Tons	7-3/4"	14-1/4"	4-1/4"	2-1/4"	6-3/4"x 6-1/4"



#3591



TRUCK WHEEL DOLLY

Designed for "one-technician operation" reducing repair labor costs. Ideal for road service applications.

- 300 lb. capacity
- Rugged tubular steel construction
- · Handles wheels up to 24" diameter
- 8" rollers turn and pivot for accurate and efficient alignment of
- mounted truck tires with hub studs
- Ship weight 18 lbs.





The Solution to Your Application

Champion R-Series Compressors have a time-tested, proven design. Rugged standard features, a wide selection of configurations, and pramium quality available optices make the R-Series compressors the solution to your application. Delivering high performance, long life and tramendous value— Champion compressors are the proven choice!

CHAMPION

IN SERIES

its Shown with Optional Acco

- Air-Cooled Attarcooler
- Electric Tank Dmin
- Ilour Mater

Un

High Tamp Switch

Ret/Off/Auto Switch

- Dual Control
- I low Cill Stop Control



CHAMPION



Splash-Lubricated R-Series

Multi-Finned Cylinders

Cooler operating temperatures must in longer his and convertant performance over time.

Integral Cylinder/Head

Onskettera durigo eliminatur the possibility of biown head garlers. for trouble-free operation.

Balanced Pistons

Aluminum alloy first-stage piston and seet iron zecond stage piston ensure proper belance.

Piston Rings

Two high ufficient lap joint compression rings with bi-directional and provide the most efficient air delivery

Lightweight Connecting Rods

High-density dis-cast eleminent alloy rods minimize reciprocacing weight. An integral, precausebond coarticple bearing and needle bearing for the wrist pinminimizes friction and property distribute loads for externely long life.

Pressure Relief Valves

Located in interauge and discharge.

Large Capacity Crankcase

Rugged cast iron of reservoir has convenient sight gauge glass, corner of fill bose and large of drain.

Intercoolers

Large clameter tinned tubing is positioned to obtain the prestant cooling effect between stogue for meximum comprises efficiency.

Optimized Cooling Fan/ Flywheel

Presiden between thywheel has fan blacke for optimum compressor cooling and ille.

Reliable, High-Flow Disc Valves

Single-unit, disc-type values provide low lift and long life. Disce are made of conteston resistant stast, values are easily serviced by monoving the menifolds.

Oversized Main Bearings

Tapered rollin-type main bearingsprovide full concerc and support of the combined plus deleter the longest possible life.

Balanced Crankshaft

Constructed of rugged double iron with large dismater throws for minimum bearing losds and large counterweights to minimize vibration.

Loadiess Starting

Machanical governor-type centrifugal unloader assures longer motor life by elitwing the compressor to scart unloaded swary time.

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5 HP 80 Gallon Vertical Champion Advantage Series Air Compressor

- · Motor starter mounted & wired saves on electrial wiring cost
- · Low oil monitor mounted & wired stops motor when oil level is low
- Auto tank drain mounted & piped, removes water from tank automatically
- · Isolators pads protect unit from out-of-level floors & reduces noise
- · Factory oil fill with ChampLub long pump life
- Aircooled aftercooler mounted & piped, removes 70% of moisture
- FIVE YEAR WARRANTY ON PUMP

#VR7F-8

CFM DELIVERED @ 175 PSIG	TANK CAP IN GALLONS	TANK TYPE	PSIG OFF SETTING	PSIG ON SETTING	PUMP RPM	MOTOR HP	LENGTH IN	WIDTH IN	HEIGHT IN	WEIGHT LBS
16.5	80	VERTICAL	175	140	710	5	33	24	77	535





10 HP 120 Gallon Horizontal Champion Advantage Series Air Compressor

- · Motor starter mounted & wired saves on electrial wiring cost
- Low oil monitor mounted & wired stops motor when oil level is low
- Auto tank drain mounted & piped, removes water from tank automatically
- · Isolators pads protect unit from out-of-level floors & reduces noise
- · Factory oil fill with ChampLub long pump life
- Aircooled aftercooler mounted & piped, removes 70% of moisture
- FIVE YEAR WARRANTY ON PUMP

CFM DELIVERED @ 175 PSIG	TANK CAP IN GALLONS	TANK TYPE	PSIG OFF SETTING	PSIG ON SETTING	PUMP RPM	MOTOR HP	LENGTH IN	WIDTH IN	Heigh ⁻ In	T WEIGHT LBS
34.8	120	HORIZONTAL	175	140	740	10	73	24	56	890





Champ Lub Reciprocating Compressor Oil

· designed specifically for reciprocating-type air compressor pumps



1-800-589-6589

#P09479A



#M2853 Pilot Valve #M3685 Relief Valve





13 HP KOHLER R-SERIES CHAMPION SPLASH LUBRICATED AIR COMPRESSOR

- 14 HP Kohler Gas Engine
- ASME Certified 30 Gallon Horizontal Air Receivers With Pressure Gauge.
 Efficient Belt Drive.
- Totally Enclosed Hinged Belt Guard For Ease Of Service.
- Manual Tank Drain Valve.
- Oil Level Sight Glass.
- Reliable, High Flow Disc Valves.
- Intercoolers, For Cooling Between Stages.
- Precision Balanced Flywheel For Optimum compressor Cooling.
- Gasketless Designed Integral Cylinder/Head.
- 5 Rear Compressor Pump Warranty.
- Available With Preset Pressure Ratings Up To 250 PSI
- Two Stage, Single Acting Compressor Pump.

CFM DELIVERED @ 175 PSIG	TANK CAP IN GALLONS	TANK TYPE	PSIG OFF SETTING	PSIG ON SETTING	PUMP RPM	MOTOR HP	LENGTH IN	WIDTH IN	HEIGHT IN	WEIGHT LBS
23.2	30	HORIZONTAL	175	155	1025	13	38	23	46	409



#P05050A

#HGR7-3H



A Gerdiner Denver Product

Replacement Champion Air Filter

• Fits 14 HP Kohler Gas Engine & 11 HP Honda Gas Engine



ASSOCIATED



Model 6002B 6 /12 /18 /24 Volt HD Commercial Charger

- The highest performance fleet charger on the market
- Rated up to 80 Amp continuous charge with 400 Amp crank assist at 12 Volts
- Heavy duty vacuum impregnated transformer
- · Patented "Sub-Sil" multi-diode rectifiers
- Fan cooling mechanism prevents overheating enhancing unit's life span
- significantly
- 500 Amp fully insulated "Flexi-Spring" clamps
- CSA listed with "Safe in Any Weather" operation
- Patented "Stop/Go" light
- Rugged 7" tires
- Automatic reset AC and DC circuit breakers
- Automatic timer
- MADE IN USA

DIMENSIONS	WEIGHT	UL/CSA Continuous Rating	UL Cranking Assist Rating	AC CORD	DC LEADS	CLAMP RATING	MFR BOOST RATING	TRANSFORMER REC LIMITED WARRANTY
26"x16"x14"	70 lbs. 100/8	30/50/40A 40	00A 10'14-3"	8' 4 AWG	500A	725A	5 YEARS	



Model 6006 6/12/24 Volt HD Commercial Fleet Charger

- Rejuvenates all standard & maintenance-free 6/12/24 Volt batteries with five charging positions
- 70/65/30 Amp charge with 280 Amp crank assist at 12 Volts
- Vacuum impregnated heavy-duty transformer to seal the unit against external agents

shradertireandoil.com

- · Multi-diode rectifiers (patented) to take over in case of failure
- Fan cooling mechanism prevents overheating enhancing unit's life span significantly
- · CSA listed with "Safe in Any Weather" operation
- 500 Amp clamps are covered with vinyl insulation; will not arc or spark
- Patented "Flexi-Spring" cable guards relieve cable stress
- · Five year limited warranty

#6006

Heavy-duty chrome plated handle
 MADE IN USA

DIMENSIONS	WEIG	GHT Conti	CSA nuous :ing	UL Cranking Assist Rating	AC CORD	DC LEADS	CLAMP RATING	MFR BOOST RATING	TRANSFORMER REC LIMITED WARRANTY
23"x19"x16"	53 lbs.	70/65/30A	280A	6.5′ 16-3	7′4 AWG	500A	600A	5 YEARS	1.1.1
							3		

ASSOCIATED



Model 6009

Heavy Duty Commercial Fast Battery Charger

- 6/12 Volt 70/60/2 Amps 265 Amp Boost Assist
- Rejuvenates all standard & maintenance-free 6/12 volt batteries
- Fast charger with the highest performance crank assist of any 60 Amp charger on the market
- Fast starter with more features and higher rating for the price than any competitive charger in its class
- Vacuum impregnated heavy-duty transformer to seal the unit against external agents
- Multi-diode rectifiers (patented) to take over in case of failure
- Fan cooling mechanism prevents overheating enhancing unit's life span significantly
- UL and CSA listed with "Safe in Any Weather" operation
- Cautions against incorrect polarity with patented "Stop/Go-light" technology
- 500 Amp clamps are covered with vinyl insulation; will not arc or spark
- · Five year limited warranty
- Heavy-duty chrome plated handle
- MADE IN USA

DIMENSIONS	WEIGH	UL/CSA T Continuo Rating	us	UL Cranking Assist Rating	AC CORD	DC LEADS	CLAMP RATING	MFR BOOST RATING	TRANSFORMER REC LIMITED WARRANTY
23″x19″x16″	48 lbs.	170/60A	265A	6.5′ 16-3	7'4 AWG	500A	540A	5 YEARS	



#6012AGM

1-800-589-6589

Model 6012 Professional Fast Battery Charger

- Offers high cranking assist of 250 Amps to better start vehicle
- Fully insulated clamps on twin extruded DC leads for tangle-free operation
- Vacuum impregnated heavy-duty transformer to seal the unit against external agents
- · Multi-diode rectifiers (patented) to take over in case of failure
- Fan cooling mechanism prevents overheating enhancing unit's life span significantly
- · UL and CSA listed with "Safe in Any Weather" operation
- 400 Amp clamps are covered with vinyl insulation; will
- not arc or spark
- Additional Features
- Five year limited warranty
- Heavy-duty chrome plated handle
- MADE IN USA

DIMENSIONS	WEIGHT	UL/CS Continu Ratin	lous	UL Cranking Assist Rating	AC CORD	DC LEADS	CLAMP RATING	MFR BOOST RATING	TRANSFORMER REC LIMITED WARRANTY
23"x19"x16"	48 lbs.	70/60A	250A	6′16-3	6.5′ 6.5 AWG	400A	500A	5 YEARS	100 C 100
								C/	

shradertireandoil.com



ASSOCIATED



#6202

Model 6202 Professional Quality, Heavy-Duty Clamps

- Professional quality, heavy-duty clamps for all booster cables
- Replace Associated clamps or upgrade other manufacturers' products with these professional quality replacement clamps
- Fits Associated and most other insulated clamps
- Allows for easier connections in hard to reach spots
- MADE IN USA

FLEXISPRING	AMPS	JAWS	INSULATION	FOR USE WITH CABLE AWG	REPLACEMENT JAW KITS
YES	500A	COPPER	BONDED "PLASTISOL" VINYL	3, 4, 6	YES



#6205

Model 6205 Professional Quality, Heavy-Duty Clamps

- · Professional quality, heavy-duty clamps for all booster cables
- Replace Associated clamps or upgrade other manufacturers' products with these professional quality replacement clamps
- · Fits Associated and most other insulated clamps
- · Allows for easier connections in hard to reach spots
- MADE IN USA

FLEXISPRING	AMPS	JAWS	INSULATION	FOR USE WITH CABLE AWG	REPLACEMENT JAW KITS
YES	800A	HEAVY GAUGE COPPER	BONDED "PLASTISOL" VINYL	3, 4, 6	YES







#JDILP4





17-Gallon Low-Profile Portable Oil Drain with Optional Self **Evacuation Kit**

- 25-Gallon measured capacity (17-gallon evacuation capacity)
- Low-profile drain (10") fits under most trucks.
- Size 48"L x 25"W x 10"H.
- 6" industrial casters for easy handling.
- 38" T-handle folds down flat for easy storage.
- · Expanded metal shield reduces splash.
- · Drain can be emptied by gravity drain, diaphragm evacuation pump or air evacuation.
- Evacuation pump (diaphragm) or air evacuation.
- · Weight 144lbs.

JohnDow Industries JDI-EK

Air Evacuation Kit for JDI-LP4

- Coverts the JDI-LP4 into a self-evacuating drain.
- Using regular shop air, oil is easily transferred from the drain to the storage tank.
- Kit includes air regulator and safety relief valve, 10' evacuation hose, drain plug and mounting hardware
- · Weight 2lbs.

JohnDow Industries JDI-LP5

25-Gallon Low-Profile Portable Oil Drain with Electric **Evacuation Pump**

- · 25-gallon measured capacity (22-gallon functional capacity)
- · Low-profile drain (10") for large-volume vehicles.
- Size 48"L x 25"W x 10"H.
- 10' evacuation hose
- · Baffled reservoir prevents splashing when moved.
- · 38" T-handle folds down flat for easy storage.
- · 6" industrial casters for easy handling.
- · Expanded metal shield reduces splash.
- 110v electric pump.
- · Weight 97lbs.





Rolling Drain Pan

Designed for pit installation, 30-gallon capacity 84700 features quarter-turn ball valve drain on front or back of unit for multiple drain hook-up 11/2" NPT. Infinite-adjustable axles fits pits 36" to 491/2" wide. Polyurethane wheels for smooth, quiet operation, dust cap, chain and splash guard assemblies included.



#JDIEK



#JDILP5





The Heavy Duty 50:1 Grease Pump Family from Lincoln

Lincoln air operated lube equipment models featuring our high pressure series 20 and series 40 grease pumps have been performance proven in automotive, agricultural, heavy duty, marine, construction and industrial facilities throughout the world.

- Series 20 grease pumps include the time proven 20 cubic inch displacement Lincoln air motor with 21/2" stroke—ideal for most applications.
- Series 40 grease pumps include the time proven 40 cubic inch displacement Lincoln air motor with 41/2" stroke—ideal for high volume applications.
- These pumps are built for power, durability and dependability and these exclusive engineering features ensure top performance and longer service life.

Series 20 & 40 Grease Pump Features

• Lightweight, corrosion-resistant zinc head casting design incorporates uniform wall thickness and an integral patented muffler which keeps noise level below OSHA standards without compromising performance. Keeps pumping, while other pumps slow down or stop due to icing.

- 150 psi pre-lubricated air motor requires no external oiler.
- Pneumatically assisted mechanical air valve assures positive tripping
- Springless air motor construction prevents premature pump failure due to spring fatigue.
- Precision-machined, hardened steel slide valve for longer life-no packings to wear out.
- Powerful 20 cu. in. or 40 cu in. air motor. Designed for greater cycle rates. Exceeds maximum limits recommended for competitive pumps.

• One piece pump outlet body withstands constant high lubricant pressures.

• Easier serviceability. Majority of parts are common with other series 20, 25, and 40 pumps.

• Faster output. Double-acting design provides high pressure and uniform delivery on both up and down strokes.

• Hardened steel plunger and bushing resist abrasion and prolong pump life. Micro-lapped to high precision tolerance to eliminate bypassing lubricant.

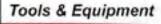
• All pumps are 100% electronically tested to assure quality performance.

• Backed by the most extensive, qualified service network in the industry.

- Shovel-type foot valve adds mechanical priming to normal suction. Handles all grades of lubricants.
- Backed by a five year limited warranty.











• Equipped with #82054 bare pump assembly

- # 815 air coupler
- # 72036 3' air connecting hose
- Height with drum is 46"
- #75060 5' high pressure grease connecting hose
- #81523 drum cover
 - #11659 air nipple
 - #80202 volume elbow
- union

#926

NOTE: A deluxe follower plate # 83366 is recommended for use with this pump.

Model 926

400 lb. Drum Pump



Alemite 9979-A Pneumatic tationary RAM Grease Pump with Follower and Cover, 50:1 Pump Ratio, 400lb Drum Size, 4.5 lb/min Delivery, 49lb Weight

#9979-A



#917



Model 917 120 lb. Drum Pump

- Will dispense 45 ounces or 80 cubic inches of NLGI 0-2 grease per minute at 150 psi
- Assures positive prime at lowest temperature.
- Drum cover #46007 finished in Lincoln red
- Roll-a-round base #80895 base in black; air motor cover in white.
- Height 43-1/8".
- Base 17" square.



ALEMITE'

Alemite 9979-A Pneumatic tationary RAM Grease Pump with Follower and Cover, 50:1 Pump Ratio, 400lb Drum Size, 4.5 lb/min Delivery, 49lb Weight









Model 6917 120 lb. Drum Pump

Model 6917 Air-Operated Portable Grease Pump Package

• Lincoln's new heavy-duty portable grease pump delivers the same volume and pressure as the more expensive pumps – but at an affordable price.

• Lincoln's time-tested, 2-1/2", 50:1, air-operated, double-acting grease pump ensures dependable, high-output grease delivery.

• Lube the hard-to-reach fittings with the heavy-duty control valve and universal swivel.

• Standard follower wipes 120 lb. drum sides clean and keeps the pump primed.

• Four-wheel dolly maneuvers easily around the shop.

MAX	OUTPUT/MIN FREE DELIVERY		GREASE	CONTROL		
		#84192	#75084 7′	#740	#81387	#274327
		LIN	ICOLI	V		

The 3:1 and 5:1 Stub Pump Family from Lincoln Motor Oil, ATF, Gear Lube and Other Fluid Lubricants

For over 75 years, Lincoln's exclusive pump designs have proven their superiority in application after application. And our lineup of strong, silent oil-dispensing pumps is no exception.

Both our stub pumps are built with the same rugged reliability and powerful performance you've come to expect from Lincoln. They are super quiet—the quietest pumps on the market. They deliver increased output for faster product delivery. And they let you handle a wider range of applications with total mounting flexibility. Lincoln has taken the time proven pump design of the Lincoln 84933 5:1 pressure ratio balanced double-acting oil stub pump and created a more compact air motor to produce a 3:1 pressure ratio balanced double-acting oil stub pump, model 282396. This pump creates a versatile, economical, reliable and smooth delivering lower pressure version of the Lincoln 5:1 ratio pump.

Since the 282396 balanced double-acting 3:1 pressure ratio oil stub pump and the 84933 balanced double-acting 5:1 pressure ratio oil stub pump share all dimensions other than air motor cylinder diameter, these pumps are now directly interchangeable without piping changes. The Lincoln oil pump design enables all pump users to choose 3:1 ratio or 5:1 ratio pump models to suit their specific application.ensure top performance and longer service life.





#282398



The 3:1 and 5:1 - Motor Oil, ATF, Gear Lube and Other Fluid Lubricants Now you can build your 3:1 ratio or 5:1 ratio oil pump with a stub pump plus suction kit or you can

order complete models. You make the choice.

Series 25 Pumps

This 2" diameter, 25 cubic inch displacement stub pump family is based on our 3:1 ratio #282396 bare stub pump.





Alemite 9968 Stationary Pneumatic RAM Oil Pump,

With Bung Adapter, 5:1 Pump Ratio, Stub Drum Size, 7 gpm Maximum Flow Rate









Designed for Exceptional Performance, Long Service Life, Low Maintenance Cost

Lincoln's new PMV family of grease and oil pumps represents 100 years of high-quality engineering, technology and manufacturing. The unique, modular design of these pumps includes precisionmachined parts made with durable materials which allows for a longer pump life. Based on Lincoln's proven PowerMaster III air logic pump technology, PMV is a simple design with few moving parts. This translates to exceptional performance, long service life and low maintenance cost.

PMV Features and Benefits

Air Valve Assembly

 Proven design based on the PowerMaster III air logic pump technology

- More than 25 years of precision pump engineering ensures dependable, quiet performance
- Modular, fastened by four bolts
- · Quick and easy to maintain throughout the service life of the pump
- Precision machined and made from aircraft aluminum
- Precise, durable and less susceptible to temperature than plastic spools
- Runs without external lubrication
- Reduces cost of ownership
- No springs, rods, levers or slides
- Fewer parts to wear out, increasing durability, decreasing repair cost
- · Designed to work in a contaminated air supply

Air Cylinder

 One-piece cylinder casting contains all ports and passages

- Simplifies repairs
- One-piece piston
- No connection to any rods, spools, springs or poppets reduces premature mechanical failures, simplifies repairs
- One O-ring on the piston
- Reduces leak paths, improves durability

Pump Tube

- One-piece, machined gland nut
- · Easy to maintain over the life of the pump
- Divorced pump tube and air motor seal
- Air motor seal is a separate O-ring which reduces the chance of contamination in the motor

Pump Seals

- Made from durable polyurethane
- · Compatible with a wide range of natural and synthetic lubricants

Pump Rod

- Hard-chrome plated
- Allows for superior sealing which extends the life of the rod

Outlet Check

- For oil pump models
- Protects pump from system back pressure





Manual Pumps





Model G402 Rotary Barrel Pump

Cast iron pump head for transferring petroleum-based, non-corrosive fluids. Comes with standard bung bushing. Delivers approximately one gallon per 18 revolutions of handle. Great for commercial, automotive, farm and industrial applications.

#G402

Pumps:

- Diesel fuel
- Lacquer thinner
- Transmission fluid
- Heating oil
- Motor oil
- Kerosene
- Oils (heavy & light)

Follower Plates





Model 85825 400 lb. Drum Follower Plate

Deluxe pressed steel follower plate for 400 lb. drums includes a seal in the hub to prevent channeling of grease past the pump tube.



#85825

#83366

LINCOLN Model 83366 400 lb. Drum Follower Plate

Follower plate for 400 lb. drums for 1 inch, 1-1/4 inch and 1-1/2 inch diameter pump tubes. Used with Series 20 and 40 air operated grease pumps.



#84780







Model 84780 120 lb. Keg Follower Plate

Deluxe universal follower for use with 120 lb. containers for 1", 11/4", 21/8" diameter pump tubes. Used with Series 20 and 40 air-operated grease pumps. All rubber unit ensures complete grease dispensing to the bottom of dented or plastic lined drums; wipes pail or drum clean. Metal cap holds insert firmly in place, ensuring seal and maintaining vacuum.



Tube OD 1-5/8 In. Follower plate outer diameter 14.14 In. Weight 3.6 Lb.



Drum Dollys





Model 84377 400 lb. Roll Around Band Dolly

#84377

Use with any 400 lb. drum. ID 23 1/4", height 5 1/4", hard rubber wheels: 1" wide, 2 1/2" dia. Capacity: 650 lbs.



#336899

Dolly 400 lb./ 55 Gal



#80895



- Standard roll-around caster base used on #613, #624 and #3644.
- For use with 16 gallon (120 lb.) kegs.Complete with four swivel casters and keg clamps.

#316315-5

Dollies

- For use with 16 gal./120 lb. drums
- Sturdy, all steel welded construction
- 4 free-swivelling casters for smooth movement

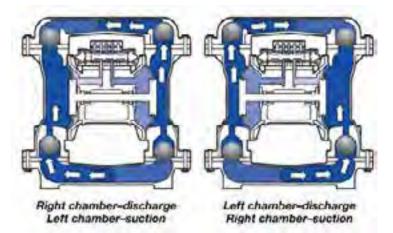






1/4" - 2" Air-Operated Pumps Diaphragm pumps are driven by compressed air. The directional air distribution valve and pilot valve the "air end"—are located in the center section of the pump. Liquid moves through two manifolds and outer chambers of the pump—the "wet end". Generally, check valves are located at the top and bottom of each outer chamber or on a common manifold. The two outer chambers are connected by suction and discharge manifolds.

Industrial Pumping Equipment Air-Operated Diaphragm Pumps



Lincoln's double diaphragm self-priming design offers many advantages over other pumps.

- Pump abrasive and sheer-sensitive materials. Low interval velocities move abrasives easily with no damage. Gentle pumping action does not sheer fragile materials.
- Pumps viscous materials. Even heavy or solids-laden materials can be pumped.
- Environmentally friendly. No motors, seals or packing to leak.
- Self-priming. Able to dry prime under most suction lift or flooded suction conditions.
- Variable flow. Regulate the inlet air supply to adjust flow.
- Runs dry without damage.
- Deadheads against closed discharge. Excessive back pressure stops operation without damage until discharge opens. Eliminates bypass systems or relief valves.

• Explosion-proof. Eliminates sparking concerns of other electrical or rotating pumps.



PUMP

Alemite 8323 Air Operated Diaphragm Pump

Description: Aluminium Body Material, Buna Diaphragm Material, 125 PSI Pressure, 45 GPM Maximum Flow Rate



1-800-589-6589

ALEMITE

Hose Reels



Alemite 8078-D Heavy Duty Reel

Oil Compatibility 1500 PSI Maximum Pressure 1/2 in. ID x 50 ft Delivery Hose Maroon 58 lb Weight







Hose Reel Hose & Accessories

High Pressure Hose - Grease

Model Number	Length	Hose Type SAE	Inches ID	Inches OD	Thread	Max Pressure PSI (BAR) Working
#75360	30'	75/100R2A	1/4"	11/16"	1/2"-27(f)	5000 (340)

High Pressure Hose - Oil, Gear Lube & Antifreeze

Model Number	Length	Hose Type SAE	Inches ID	Inches OD	Thread	Max Pressure PSI (BAR) Working
#73120	14'	73/100R3	1/2"	13/16"	1/2" NPT(m)	1500 (102)
#73240	20'	73/100R3	1/2"	13/16"	1/2" NPT(m)	1500 (102)

Lincoln High-Pressure Replacement Hose Cross Reference				
Model	Original Threads	Replacements		
Alemite	1/2"-27(f) X 1/2"-27(f)	Any Type 75 Hose		
Aro	1/8" NPT(m) X 1/8" NPT(f)	Any Type 75 Hose, #10199 Nipple, #10200 Bushing		
Balcrank	1/2"-27(f) X 1/2"-27(f)	Any Type 75 Hose		
Graco	1/4" NPT(m) X 1/4" NPT(m)	Any Type 75 Hose, Two(2) #10198 Bushings		





HOSE REEL

Hose MP
1/2"ID
1/2"(m)
317813-5
317813-15
317813-25
317813-30





#317875

GREASE GUN HOSE

Hose Reel Grease Hose, 1/4 In. ID, Working Pressure 8,000 PSI, **317875-10 317875-20 317875-25**







LINCOLN Control Valves, meters and acce

Lincoln control valves, meters and accessories provide the durability and precision you need for your lubrication systems



Model 740, Grease: **High Pressure Heavy-Duty Control Valve**

- 7500 psi maximum operating pressure
- · Precision-machined, all steel handle, body and guard
- · bracket provides durability and longevity
- · Unique, precision control inlet check valve provides ease of handle operation even with increase in pressure
- · Knurled handle for positive grip
- · Handy trigger guard prevents pinching
- · Reversible inlet check seat and hydraulic jaws provide double life
- Balanced design reduces user fatigue
- Lubricant inlet 1/4" NPT(f); outlet 1/8" NPT(f)
- · Easily repaired for extended life

#740



Control Valves/Meters

Lincoln control valves, meters and accessories provide the durability and precision you need for vour lubrication systems



Model 3867, Fluid Lubricants: **Mechanical Lube Meter**

- · Pre-sets will count down for oils and antifreeze
- Totalizing in meters. 3-1/2" diameter, inlet/outlet 1/2"
- NPT
- DIAL TOTALS: 60 quarts
- GRADUATION: 1/4 quart
- EXTENSION: Rigid w/ 93548
- 1000 PSI · 4 Gallons per minute
- ALEMITE

Model 3690-C Mechanical Preset Meter

Alemite Mechanical Preset Meters feature a classic dial design to accurately measure and totalize fluid dispensed, where automatic fill capability is important.

- · Large, easy-to-read dial face with 1,000 psi (69
- bar) maximum operating pressure.
- · Meter automatically shuts off when preset amount has been dispensed.
- · Latch control permits shut off during operation.
- · Valve inlet 1/2 in. NPTF (f) with swivel.







LINCOLN Control Valves/Meters Accessories

Model 82258 **Meter Nozzle Assembly** for #867



• 1/2" x 1/4" NPT(m), 10" hose 91241 and nozzle 93547.



#81387

Model 81387 **High Pressure Swivel**

• For Lincoln 75 Grease Hose • Universal: 1/2"-27(m) x 1/4" NPT(m)

Model 82399



Alemite B52752 Z-Type Grease Swivel For Hose Reels, 10,000 PSI, 1/4 In. NPTF (m) x 1/2 In.-27 UNS Tapered Thd, Blister Pack of 1





High Pressure Swivel • For Lincoln 75 Grease Hose #82399 • Straight: 1/2"-27(m) x 1/4" NPT(m)



ALEMITE

* For handling grease controls valves to prevent damage to hose caused by twisting * Thread 1/4 NPTF (m) x 1/4 In. NPTF (m) * Pressure rating 10,000 PSI * Steel construction with ball

#B321320



#BH2-60

Model BH2-60 **Metric Hydraulic Coupler**

 For Automatic Grease Lubrication Systems (Groeneveldt & Vogel)



Model 83594 **High Pressure Swivel**

#83594

• For Lincoln 75 Grease Hose • Universal: 1/4" NPT(m) x 1/4" NPT(m)



For handling grease controls valves to prevent damage to hose caused by twisting Pressure rating 10,000 PSI

Thread 1/4 NPTF (m) x 1/4 NPTF (m)

Steel construction with ball bearings





Model 846 Water Bibb Cock





• Low Water Pressure, 1/4"(f)





FRL/AirCare[™] Air Controls & Accessories

Lincoln Regulators, Filters & Lubricators

A well-planned compressed air system ensures minimum pressure loss in the system, and the removal of contaminants: water, compressor oil, etc. An inefficient system results in higher costs per unit of compressed air, improper or erratic tool operation, shortened component life and reduced capacity. Lincoln provides individual components and combined component systems to give you the highest quality for your compressed air tool operations.

Changes in air pressure can affect the performance of air-powered equipment. Most equipment will operate beyond recommended pressure, but this causes excess torque, force and wear and wastes compressed air. Lincoln air regulators eliminate this problem by providing the consistent pressure required for each tool, ensuring maximum life and working efficiency for your pneumatic equipment.

Air filters are essential for proper performance of air powered tools, equipment and machinery. Lincoln filters are designed to minimize water vapor and contaminates in the air supply. Install a large filter in the main distribution line immediately after the compression accumulator tank. Another smaller filter should be placed inline within 20 feet of the equipment it will protect. This ensures the removal of solid particles at point of use and most condensed moisture.

Most air-operated tools, equipment and components of air systems require oil lubrication for proper function and to ensure long service life. Lincoln air line lubricators are designed to meter precise amounts of lubricant into the air supply, improving the efficiency of cylinders, valves and air motors. Lubrication is automatically provided in a nearly constant oil-to-air ratio over a wide range of air flows. Air passing through the operated device is a very fine mist that can be carried over a long distance, serving more than one tool at a time.





LINCOLN Model 85672 **Miniature Comination Unit**

Filter-Regulator with Gauge-Lubricator:

- Max. Air Supply psi: 150 (10.3 bar)
- Operating Temperature Range: 0° F to 150° FD(infreinsions5° C) A: 3.25 in. (83 mm)
- Element Particle Size: 50µ
- Outlet Pressure Adj. Range psi: 5 to 100 (0.3 Ba 6.98bar) (50 mm)
- Lubricator Bowl Capacity ozs.: 1.0 oz (30 ml) C: 5.61 in. (143 mm)
- Drain Type: Manual
- Port Size PTF: 1/"

DIA: 1.45 in. (37mm) Weight: 1.3 lb. (.6kg)



Alemite 7936 Miniature Regulator/Filter/Gauge, 1/4 In. NPTF (f) Inlet/Outlet





1-800-589-6589

#7936

LINCOLN 18-Volt Lithium Ion Powered Grease Gun

This new cordless grease gun provides technology and performance previously unavailable to the industry. The innovative design incorporates not only outstanding run-time, output pressure and grease flow but also includes a multi-function LCD that displays:

- The quantity of grease dispensed
- The quantity of grease remaining in the cartridge
- The battery charge level, operation signal and stall indicator

Stop wasting grease. Over greasing a lube point can do more than just waste valuable grease. It can also damage seals, load bearings and create excessive heat that shortens a bearing's operating life. The new Lincoln PowerLuber series LI-1 allows the user to monitor grease output for extended equipment life while saving lubricant and improving run time.

Model 1844 PowerLuber Grease Gun

Dual Battery PowerLuber

• The 18volt PowerLuber features a new heavy-duty high-torque motor and a high capacity battery for superior performance. The efficiencies of the new motor and battery combine to deliver outstanding run times between charges.

Lab and field tests show:

- Outstanding results in demanding lubricant applications.
- Excellent performance in high-pressure applications.
- 300% greater grease output verses competition.





Model 1801 PowerLuber Grease Gun Battery

This Lincoln 18 Volt replacement battery works with the PowerLuber cordless grease guns 1862 & 1844.

#1801





Guardian Lubrication Tools & Equipment Grease Guns

For more than 90 years, service professionals have looked to Lincoln for lubrication equipment designed to meet the demands of day-to-day shop life. In response to overwhelming requests, Lincoln proudly makes its equipment available to those outside the service industry with our Guardian line of lubrication products. Designed for life outside the shop, Guardian brings you a level of performance previously unavailable in over-the-counter lubrication equipment. Every Guardian product is engineered to meet the industry's most exacting standards for reliability and performance. Like all Lincoln products, the Guardian name is your assurance that what you're buying is an extraordinary piece of equipment.



- Lincoln hand-held grease guns are unmatched in the industry. Features:
- Rugged cast pump head for strength and durability.
- Jam-proof toggle mechanism prevents binding or accidental bending of plunger.
- Exclusive "Flip-Over" follower allows a superior seal for either cartridge or bulk loading applications. Tough, resilient and impervious to lubricant.
- Extra-heavy follower spring insures positive priming and uninterrupted pumping action.
- · Accessible check valve allows easy cleaning without gun disassembly.
- Precision fit and hardened plunger prevents lubricant bypass, resists scoring for longer life.
- Follower rod locks into follower to force prime.



Model 1147 Heavy-Duty Lever Type

Cast iron pump head, precision fit plunger and extra heavy follower spring. The exclusive "flipover" follower provides a superior seal, allowing the 1147 to be easily loaded by suction, filler pump or cartridge. Has 18" whip hose (#71518) and coupler (5852) flip-over follower set for cartridge use. Cartidge use, 21.75" L x 2.25" dia., 16oz. bulk/14.5 oz. cartridge.

#1147

Grease Couplers



Model 5852 Hydraulic Cou-

- · 6000 psi maximum operating pres-
- sure.
- · For all hydraulic type grease fittings.
- · Small outside diameter permits easy contact with recessed fittings. #5852
 - · Replaceable hardened steel jaws. · Built-in ball check prevents leak and
 - lubricant backup.



Model 5845 Heavy Duty Cou-

 7500 psi maximum operating pressure.

· Same as 5852 except 1/8"outside diameter.



Extensions for Manually or Air-Operated Grease Guns Maximum working pressure 4500 psi. Strategically placed coil spring provides non-slip, push-pull grip and prevents

accidental "kinking" which could cause hose ruptures.



Needle Nozzle Accessories



Model 5803 Needle Nozzle

Allows operator to contact flush type or hard-to-reach hydraulic type fittings.

Packaged Grease Fittings



Model 5190 Grease Fittings

1/8" Pipe Thread Packs: 10 ea. STRAIGHT





1/4" - 28 Taper Thread Packs: 10 ea. STRAIGHT



5291

Model 5291 **Grease Fittings**

1/4" - 28 Taper Thread Packs: 10 ea. 45° ANGLE





#NTS63

Model 63 Gate Valve

Gate Valve ¾" NPT (M).





#NTS64

Gate Valve. Manually operated cast iron valve for draining light to heavy noncorrosive liquids. Threaded 2" NPT (M). Can be padlocked (lock Not furnished). Black finish. Not for use with flammable liquids.





#NTS67

Plastic Bung Faucet for 2" NPT bung opening.



#NTS68



Plastic Bung Faucet for 3/4" NPT bung opening.





Heavy-duty with wide steel cross braces and steel casters. Maximum min/max diameter 13 1/2" / 14 1/4". Maximum load limit is 200-lbs. Phenolic casters



1-800-589-6589

#NTS120-S



Model 321 Gear Lube Hand Pump - 5 Gal

For dispensing oil and gear lube up to 140 wt. from 5 to 6 1/2 gallon pails. For 5 to 6 1/2 gallon pail, Delivers 1 to 2.3 oz. per stroke, Powder coated lid included, 4 ft. vinyl hose included, Buna N seals, Curved nozzle included, Variable stroke handle. (21" x 13" x 2 ¹/₂") (8 lb.)



#NTS321

#NTS336



Model 336 **Gear Lube Hand Pump - 16 Gal**

Lube Pump - fits 120 lb. full open head drums. Includes pump, drum cover, and 5' of clear vinyl hose with curved discharge nozzle.





Model 360 Washer Solvent Hand Pump - 55 gal.

Polypropylene Pump w/o hose - fits 15 through 55-gallon drums with 2" bung opening. Constructed of polypropylene and nickel plated steel. Can be used with weak acids, anti-freeze, some mild chemicals and detergents. Includes bung adapter and discharge spout. Spout can be removed and special hose attached. Dispenses approximately 8 oz. per stroke.

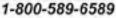


Model 366 Steel Hand Pump - 55 gal.



Barrel Pump w/o hose - fits 15 through 55-gallon drums with 2" bung opening. Has zinc die-cast piston with brass piston ring. Includes bung adapter and curved discharge spout. Discharge spout can be rotated 180 ° and can be removed to expose garden hose threaded outlet. Dispenses approximately 1-1/2 pints per stroke.









Lever style polypropylene pump for dispensing water based fluids, chemicals, and acids from 15-55 gallon drums.



#NTS381



Barrel Pump - fits 15 through 55-gallon drums with 2" bung opening. Has a zinc die-cast piston with two brass rings, steel telescoping tube assembly, Buna N Seals, plastic handle grip, and curved discharge spout with garden hose threads. Dispenses approximately 1 pint per stroke. Has adjusting nut on bung threads.



#NTS975



Model 975 Quarter Stroke Pump - 55 gal.

For 15 to 55-gallon drum, 2" NPT bung adapter, Delivers 1-quart per cycle, Spring loaded return drain tube, Lockable crank arm, Delrin seals, Steel telescoping suction tube. For the following applications automotive, quick lube, agricultural, industrial.





For pumping for Light oil (up to 30 wt.), Antifreeze, Windshield washer fluid Methanol, Chlorinated solvents. Lightweight and corrosion resistant, Polypropylene construction, Teflon seals, Bung adapter included, Dispenses 8 oz. per revolution. (16" x 12" x 6") (5 lb.)







Model 10193 Stainless Steel Lever Pump

Stainless steel lever pump for pumping mild acids, detergents, antifreeze, and other mild chemicals. Features a stainless steel construction with a PTFE seal.Dispenses approx. 1 gallon per 13 strokes. For 15 to 55 gallon containers. Weight: appox 5.5 pounds.



#NTS10211



15-55 gal drums. 1 gal per 16 revolutions. For Diesel Exhaust Fluid

