



WE KEEP THE TRANSPORTATION INDUSTRY ROLLING AND SAFE

DEF SOLUTIONS

YOUR PREFERRED DEF SUPPLIER

YOUR Trusted DEF Supplier

Shrader Tire & Oil is an experienced DEF supplier. We understand important DEF issues and is flexible in meeting your needs. We have the expertise, regional supply network and customized distribution solutions to help you apply the right DEF strategy for your operation.

Our DEF Specialists

Before we sell you a thing, our DEF specialists will:

1. Meet with your staff
2. Survey your fleet
3. Determine your needs
4. Recommend a custom DEF solution specifically for you.

This approach assures you of the right DEF program for your fleet while reducing maintenance costs and releasing less harmful emissions.

Service Matters!

Shrader Tire & Oil is a family business that's been in business for more than 77 years! When you call our office, a real person is there to greet you and talk things through. Our own fleet is on the road delivering DEF to hundreds of customers just like you, every day of the week. Give us a call. Let us earn your confidence, too.

Your fleet deserves the best. Get in touch and let's build your custom DEF solution!

Call Corey Tippey
419.764.4957

Customer Service: 800.589.6589
customer.service@Shrader.biz
ShraderTireandOil.com

WHAT IS DEF?

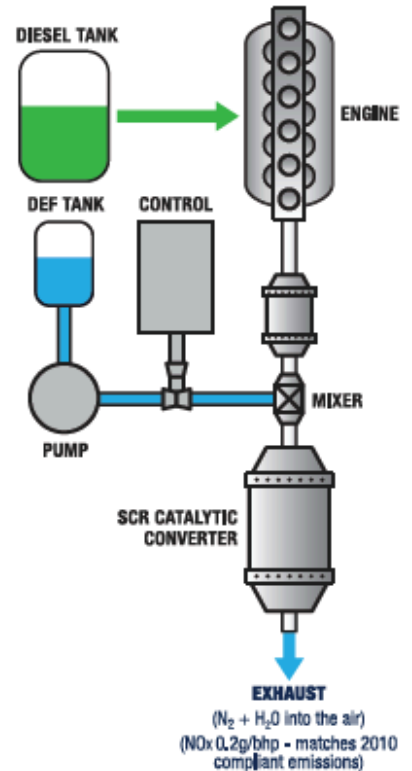
Diesel Exhaust Fluid (DEF) is a nontoxic, stable, colorless and odorless solution of 67.5% purified water and 32.5% ultra pure automotive grade urea that is API Certified and complies with ISO 22241-1.

When injected into the exhaust stream and passed over a catalyst, Diesel Exhaust Fluid helps convert NOx into nitrogen gas and water vapor – two harmless and natural components of the air we breathe.



HOW DOES IT WORK?

In order to reduce NOx emissions, SCR requires a catalytic converter and a reducing agent (DEF). DEF is injected directly into the exhaust upstream of a catalyst. There, DEF vaporizes and decomposes to form ammonia. The ammonia then works in conjunction with the SCR catalyst to break down NOx into harmless nitrogen and water.



HOW MUCH IS USED?

SCR Vehicles		DEF Usage (gal.) per Period*			
# of Vehicles	Diesel gal/wk**	Week	Month	Quarter	Year
1+	500	10	40	120	480
3+	1000	20	80	240	960
5+	2000	40	160	480	1920
8+	3000	60	240	720	2880
10+	4000	80	320	960	3840
13+	5000	100	400	1200	4800
26+	10,000	200	800	2400	9600
40+	15,000	300	1200	3600	14,400
50+	20,000	400	1600	4800	19,200
80+	30,000	600	2400	7200	28,800
160+	60,000+	1200	4800	14,400	57,600

* 2% DEF per gal. of Diesel **120,000 miles/yr @ 6 MPG

HOW IS DEF STORED?

Diesel Exhaust Fluid should always be stored in a cool, dry, well-ventilated area – preferably away from direct sunlight. The recommended temperature range for storage is 12°- 86°F, but temporary exposure to warmer temperatures will not degrade its quality or performance. Shrader Tire & Oil offers Diesel Exhaust Fluid in bulk, totes (330 gallons), drums (55 gallons) & jugs (2.5 gallons). Shelf life runs from 75 years at 50°F to as little as 30 days at 122°F constant temperature.

- 2.5 Gallons
- 55 Gallons
- 330 Gallons

