



## AW Hydraulic Oils

**ATI X AW Hydraulic Oils** contain quality additives that provide excellent anti-wear, rust and oxidation protection.

### FEATURES

**ATI X AW Hydraulic Oils** are formulated to provide general equipment protection:

- Good oxidative and thermal stability – contains thermally stable zinc-type additives.
- Excellent anti-foam and rust protection.
- Excellent anti-wear protection for pumps, motors, valves and other hydraulic circuit components.
- Good hydrolytic stability in the presence of water – will not contribute to the formation of corrosive reactants or metal-etching acids.

### APPLICATIONS

- **ATI X AW Hydraulic Oils** may be recommended for application when a quality, anti-wear hydraulic oil is required by equipment manufacturers.
- **ATI X AW Hydraulic Oils** provide excellent vane pump wear and protection. Extremely low pump part weight losses were encountered in the ASTM-D-2882 Vane Pump Wear Tests.

### TYPICAL PROPERTIES

VISCOSITY GRADE: 22 32 **46 68** 150  
Viscosity: cSt@400°C: 21.0 32.4 **43.6 66.8** 150  
Viscosity: cSt@100°C: 4.48 5.80 **7.4 10.7** 14.1  
Viscosity: SUS @ 210°F: 36.6 43.9 **48.2 54.6** 74

Viscosity Index: 110 124 **135 149** 103  
API Gravity: 34.17 31.2 **30.4 29.7** 28.9  
Pour Point: °C -45 -36 **-33 -30** -30  
Color: (ASTM-D-1500) 0.5 0.5 **1.0 1.5** 1.5  
Oxidation: (ASTMD943) 4000+ 5000 **5000 5000** 5000  
Total Acid #: (ASTMD974) 0.50 0.50 **0.50 0.50** 0.50

All viscosities of **ATI X AW Hydraulic Oils** meet ASTM-D665A and ASTM-D665B standards.