



ADROL X-PERT HYDRAULIC OIL AW

AW 68/ AW 46/ AW 32

ANTI WEAR (AW) HYDRAULIC FLUID

DESCRIPTION

ADROL X-PERT HYDRAULIC OIL AW is anti-wear hydraulic fluid, for use in mobile and stationary high-pressure hydraulic systems.

APPLICATIONS

- Industrial Hydraulics and Industrial Circulating systems.
- Hydraulics of mobile and construction equipments.
- Hydraulic systems with vane, gear or piston pumps.
- Plastic injection molding machines.
- Lightly loaded gear systems.
- Machine Tools.

PERFORMANCE STANDARDS

- ISO Standard 11158 Type HM
- Denison HF-1
- Vickers I-286-S (Industrial) / M-2950S (Mobile)
- DIN 51524 Part 1

BENEFITS

- High protection against wear.
- Very good hydrolytic stability and water separation capability.
- Excellent protection against rust and corrosion.
- High oxidation stability provides extended oil service life.
- Good anti-foam and air-release properties to ensure smooth operation and improve system efficiency.

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KEY PROPERTIES

ISO GRADES	32	46	68
Density, @29.5, °C (kg/liter)	0.885	0.858	0.861
Kinematic Viscosity @ 40°C (mm ² /s)	32.4	45.3	67.1
Kinematic Viscosity @100°C (mm ² /s)	5.6	6.8	9.1
Viscosity Index	107	106	108
Pour Point (°C)	-18	-18	-18
Flash Point (°C, COC)	200	205	210
Rust Preventing Characteristics (D665)	PASS	PASS	PASS
Oxidation Characteristics (D943)	>4500	>4500	>4500

*Test results are based on samples.



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