

HYDRAULIC AW 46

PETROLEUM MULTI-PURPOSE AW HYDRAULIC FLUID

Applications:

Hydraulic AW 46 is a high performance petroleum anti-wear hydraulic fluid for use in a wide variety of industrial and mobile hydraulic systems, mining equipment, and moderately loaded gear sets, as well as general purpose lubrication. This fluid is designed for use in industrial and mobile hydraulic systems. Hydraulic AW 46 has superior anti-wear additives to provide excellent wear protection for pumps, motors, and other hydraulic systems components. This hydraulic fluid has outstanding oxidation resistance and protect against rust and corrosion. This hydraulic fluid also has excellent demulsibility in the presence of water and provides foam resistance.

Typical Industrial Applications:

- Hydraulic Systems on Mobile Equipment, i.e. Dump Trucks, Motor Graders, Bulldozers, and Forklifts
- Hydraulic Presses, Shears, Jacks and Punches in Machine Shops
- Automated Machine Tools
- Chain Drives
- Plain and Rolling-Element Bearings used in Electric Motors.
- Service Station Lifts
- Electrical Service Repair Trucks
- Compressors
- Vacuum Pumps
- Mining Equipment

Performance Benefits:

- Excellent anti-wear protection
- Meets or exceeds the specifications of Dennison HF-2, Vickers I-286-S, Cincinnati Milacron P-68, P-69, P-70.

TYPICAL PROPERTIES	TEST METHOD	Hydraulic 46 AW
Viscosity @ 40°C,cSt	ASTM D445	46
Viscosity @ 100°C,cSt	ASTM D445	6.9
Viscosity Index	ASTM D2270	100
Gravity, °API		30.0
Flash Point, °C/°F	ASTM D92	210/410
Pour Point, °C/°F	ASTM D97	-18/0
Oxidation Stability, TOST	ASTM D943	4000
Demulsibility, 54.5°C, Min		20
FZG Pass, Load Test		10
Color	ASTM D1500	1.5
Zinc, % wt		.026
Cooper Corrosion		1A
Rust Prevention	ASTM D665	Pass
Lbs./Gal		7.34
Specific Gravity		0.88

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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