

OLAR HLP 46 HYDRAULIC SYSTEM OIL

VERY HIGH-PERFORMANCE ANTI-WEAR HYDRAULIC OILS



Utilization

OLAR HLP 46 HYDRAULIC SYSTEM OIL series are high performance anti-wear hydraulic oils developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

OLAR HLP 46 HYDRAULIC SYSTEM OIL are formulated for any hydraulic system where the risk of contamination of the environment and water exists or any application where an antiwear, high-performance oil is necessary: various movements, plain bearings and rolling bearings, reducers under low load, etc.

Customer Proposition

- Excellent thermo-oxidative stability controls the formation of sludge & varnish and improves oil life.
- Excellent antiwear properties ensuring protection of machine parts.
- Excellent filterability with or without presence of water.
- Remarkable resistance to hydrolysis and good demulsification properties.
- Reacts very well to air: rapid air release and low foaming tendency.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.

Characteristics

Meets the following specifications		
46		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity at 40° C, cSt	D 445	41,4-50,6
Viscosity at 100° C, cSt	D 445	6.8
Viscosity Index	D 2270	100
Cleveland VO Flash Point, °C	D 92	238
Pour Point, °C	D 97	-27
FZG test (A/8, 3/90), damage level	DIN 51354-2	12
Density at 15°C, Kg/l	D 4052	0.878
Foaming Sequence1, ml/ml	DIN 51566	0/0
AFNOR filterability (0.8 micron), IF	NFE 48-690	1.121