

# 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