



سن لوب لوبر كنتس اندستري ذ.م.م

SUNLUBE LUBRICANTS INDUSTRY LLC

TECHNICAL DATA SHEET

HYDRAULIC OIL

Sunlube Hydraulic oils are series of high performance, premium-quality, multigrade, shear-stable hydraulic fluids of high viscosity index. They are formulated with high quality base oils and special additives that impart superior viscosity/temperature, anti-wear, anti-corrosion, anti-rust and anti-oxidation characteristics. They also deliver excellent air release and water separability properties and can operate in a widely varying ambient temperatures. The high viscosity index gives great advantage in critical applications where viscosity variation due to temperature fluctuation must be kept to a minimum. These oils are recommended for hydraulic systems that are subject to wide temperature ranges of construction, agricultural, industrial, marine and machinery tools equipment fitted with gear, vane or piston pumps.

BENEFITS:

- Excellent oxidation resistance under the most severe working conditions provides long oil life
- Superior protection against corrosion and rust
- Excellent resistance to foaming and air entrainment
- Excellent hydrolytic stability means minimal degradation from contact with water and good water separation characteristics
- Excellent filterability

PERFORMANCE STANDARDS:

- DIN 51524 Part 2 (HLP)

TYPICAL PROPERTIES:

Properties	Unit	Test Method	
Grade	-		ISO 46
Density @ 15°C	g/cm ³	ASTM D-4052	0.87
Kinematic Viscosity @ 40°C	mm ² /S	ASTM D-445	46
Kinematic Viscosity @ 100°C	mm ² /S	ASTM D-445	6.75
Viscosity Index	-	ASTM D-2270	98
Flash Point	°C	ASTM D-92	220
Pour Point	°C	ASTM D-97	-30
TAN	mg KOH/g	ASTM D-974	0.4

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