



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	-		<b>ISO 32</b>
Density @ 15°C	g/cm <sup>3</sup>	ASTM D-4052	0.857
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /S	ASTM D-445	31
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /S	ASTM D-445	5.25
Viscosity Index	-	ASTM D-2270	98
Flash Point	°C	ASTM D-92	214
Pour Point	°C	ASTM D-97	-33
TAN	mg KOH/g	ASTM D-974	0.4

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