



US LUBE

US LUBE SYN PAO COMPRESSOR OIL

PRODUCT DESCRIPTION

US Lube Syn PAO Compressor Oil is an advance synthetic air compressor oil made by fully synthetic base oil, PAO base stock and a unique high performance additif to deliver the highest performance lubrication of rotary sliding vane and screw air compressor. The additive system will provide excelent wear protection and performance for compressor running at preassures over 25 bar and in excess of 100 °C working temperature, have resistance formation of deposits on rotating components in screw compressors and in sliding vane slot for continuous efficient operation and help maintain excellent internal surface cleanliness particularly in oil/air separator and coalescer system.

US Lube Syn PAO Compressor Oil is resistant to oxidation at all operating temperatures, thereby minimizing the formation of acidic oxidation products that can lead to system corrosion and reduced oil life. The naturally extra high viscosity index and provide stable viscosity characteristics and maintenance of a tough fluid film, The oil have superior low temperature fluidity makes it work even in arctic environment.

APPLICATIONS / BENEFITS

- Effective anti-oxidation action.
- Minimizes deposit formation.
- Superior anti-wear properties.
- Outstanding anti-rust and corrosion properties.
- Widest usable temperature range.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS		
ISO Viscosity Grade		32	46	68
Specific Gravity @ 150C	ASTM D-4052	0.828	0.832	0.835
Flash Point, 0C	ASTM D-92	242	246	252
Pour Point, 0C	ASTM D-97	-42	-39	-39
Kinematics Viscosity @ 400C (cSt)	ASTM D-445	31.2	44.9	65.3
@ 1000C (cSt)	ASTM D-445	5.84	7.53	10.0
Viscosity Index	ASTM D-2270	135	136	138
Color	ASTM D-1500	< 0.5	< 0.5	< 0.5

PERFORMANCE STANDARDS

- DIN 51506 VDL specifications.
- Suitable for following type of compressors: (1) Screw Compressor; (2) Piston and Reciprocating Compressor; (3) Vacuum Pump Compressor; (4) Airman; and (5) Other Japanese Brand Compressor.

Product Data Sheet