



SMARTOIL 3000

ROTARY SCREW COMPRESSOR OIL

SmartOil 3000 is a high performance, multifunctional lubricant designed for use in many industrial applications. This lubricant is considered environmentally friendly since it is zinc free. This premium petroleum oil is the answer for petroleum oils where OEM specifications are critical. SmartOil 3000 is very useful where frequent change outs are necessary due to poor environments prone to contamination from dust, acids, solvents, gases, or other contaminants. SmartOil 3000 has a service life of 2,000 – 3,000 hours under good operating conditions in rotary screw compressors. The additive chemistry found in this series provides high performance ashless hydraulic fluids and compressor oils with antiwear properties.

TYPICAL INDUSTRIAL APPLICATIONS:

- Rotary Screw Compressors
- Vacuum Pumps
- Centrifugal Compressors
- High Pressure Hydraulic Systems

PERFORMANCE BENEFITS:

- Excellent rust and oxidation inhibitors
- Zinc free
- Will not foam
- Great demulsibility

SmartOil 3000 is suitable for antiwear hydraulic fluids according to: Cincinnati Machine P-68, P-69, P-70; Denison HF-0, HF-1, HF-2; DIN 51524, Part 2 and 3 (HLP, HVL); ISO 6743/4 (HM, HV); ISO 11158 (HM, HV); AFNOR NF E 48-603 (HM, HV), SS 155434; SEB 181 222; U.S. Steel 126, 127 and 136, and for compressor oils according to: DIN 51506 (VBL, VCL, VDL); ISO / DP 6521 (DAA, DAB, DAH, DAG)

TYPICAL PROPERTIES	TEST METHOD	SMARTOIL 3000
ISO Grade	ASTM D2422	46
Viscosity @ 40°C,cSt	ASTM D445	45
Viscosity @ 100°C,cSt	ASTM D445	7.3
Viscosity Index	ASTM D2270	120
Flash Point, °C/°F	ASTM D92	210/410
Pour Point, °C/°F	ASTM D97	-24/-11
Copper Corrosion	ASTM D130	1b
Rust – Sea Water	ASTM D665B	Pass
Specific Gravity	ASTM D4052	0.87

