



FPC LUBRICANTS

FPC COMP M SERIES PREMIUM PETROLEUM LUBRICANTS

APPLICATIONS:

The FPC COMP M Series is a group of high performance, multifunctional lubricants designed for use in many industrial applications. These are considered environmentally friendly since they are zinc free. These premium petroleum oils are the answer for petroleum oils where OEM specifications are critical. They are very useful where frequent change outs are necessary due to poor environments prone to contamination from dust, acids, solvents, gases, or other contaminants. FPC COMP M2046 has a service life of 2,000 – 3,000 hours under good operating conditions in rotary screw compressors. FPC COMP M2068 & M2100 has a service life up to 2,000 hours in reciprocating 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
- Reciprocating Compressors
- High Pressure Hydraulic Systems

PERFORMANCE BENEFITS:

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

The FPC COMP M Series oils are 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	FPC COMP M2046	FPC COMP M2068	FPC COMP M2100
ISO Grade	ASTM D2422	46	68	100
Viscosity @ 40°C,cSt	ASTM D445	45	69	95
Viscosity @ 100°C,cSt	ASTM D445	7.3	9.3	11.5
Viscosity Index	ASTM D2270	120	112	109
Flash Point, °C/°F	ASTM D92	216/420	217/424	226/439
Pour Point, °C/°F	ASTM D97	-37/-34	-34/-29	-29/-20
Copper Corrosion	ASTM D130	1b	1b	1b
Rust – Sea Water	ASTM D665B	Pass	Pass	Pass
Specific Gravity	ASTM D4052	0.87	0.87	0.88