



**PETROCHEM, INC.**

**SPECIALTY LUBRICANTS**

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# PETROCHEM PMO FG SERIES WHITE MINERAL OIL LUBRICANTS

## Premium PMO FG White Oil Lubricants Applications:

The Petrochem PMO FG Series is a high performance, multifunctional range of lubricants designed for use in many industrial applications. These are considered environmentally friendly since they are zinc free. Petrochem offers these premium petroleum oils as an answer to low cost petroleum oil where OEM specifications are critical. They are also useful where frequent change outs are necessary due to poor environments prone to contamination from dust, acids, solvents, gases, or other contaminants.

Petrochem PMO FG-32 and 46 are designed for rotary screw compressors while Petrochem PMO FG-68, 100, 150, 220 and 460 are intended for use in reciprocating compressors, high pressure hydraulic systems and turbines. All of these products exhibit excellent anti-rust, anti-foam, anti-oxidation, anti-wear, and demulsibility characteristics.

### Characteristics

-  Excellent rust and oxidation inhibitors.
-  Will not foam.
-  Great demulsibility.
-  Service life of 2,000 – 3,000 hours under good operating conditions in rotary screws and up to 2000 hours in reciprocating.

### **PETROCHEM PMO FG SERIES meet:**

DIN 51524, DIN51517; AFNOR NF E 48-603; Cincinnati-Milacron P-38, P-55, P-54, P-57, P-62; DIN 51515; SIEMENS TLV 9013 04; BS 489; GEK 32568 A/C; MIL-L-17672 D; CEGB 207001; Brown Boveri HTGD 9011; U.S. Steel 12; Westinghouse Electric Corporation Turbine Oil Spec.

### Typical Properties ASTM Test Method 32 46 68 100 150 220 460

		D2422	32	46	68	100	150	220	460
ISO VG		D445	31.5	45.8	71.9	96	138	220	455
Viscosity, cSt.	40°C								
	100°C		5.6	7.3	9.3	11.3	14.3	19.4	31
Viscosity Index		D2270	117	123	106	104	101	92	95
Pour Point	°C	D97	-12	-23	-20	-18	-15	-12	-10
	°F		10	-9	-4	0	5	10	15
Flash Point	°C	D92	227	227	238	254	269	271	271
	°F		440	440	460	490	516	520	520
Specific Gravity		D1298	0.86	0.86	0.87	0.87	0.87	0.87	0.89
FZG Pass Stages		D5182	9	9	9	9	9	9	9
Rust Protection		D665A	Pass	Pass	Pass	Pass	Pass	Pass	Pass