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Global

TECHNICAL DATA

FOODSAFE SYNCOMP FG SERIES

SYNTHETIC FOOD GRADE AIR COMPRESSOR LUBRICANTS

SynCOMP FG Series (PAO) air compressor lubricants are specially designed for rotary screw, vane and reciprocating compressors in the food, beverage and packaging industry.

PRODUCT APPLICATION

- SynCOMP FG-32 and SynCOMP FG-46 are designed for use in rotary screw compressors and applications requiring an ISO-32 or ISO-46 lubricant.
- SynCOMP FG-100 and SynCOMP FG-150 are designed for use in reciprocating compressors and other applications requiring an ISO-100 or ISO-150 lubricants.

PRODUCT FEATURES

- Meets USDA 1998 H-2 guidelines – Can be used in food plants for non-food contact. Contains no carcinogens and is environmentally friendly. Complies with the requirements of F.D.A. 21 CFR 1778.3570
- Protects against wear, rust, corrosion, and provides excellent high temperature thermal stability, foam, and oxidation ability.
- Manufactured from high-quality hydrocarbon base fluids and proprietary additives
- Available in 1 gallon, 5 gallon pail or 55 gallon drum

SPECIFICATIONS AND TYPICAL PROPERTIES

SynCOMP FG SERIES		FG-32	FG-46	FG-100	FG-150
Typical Properties	ASTM Test Method	ISO 32 SAE 10W	ISO 46 SAE 15W	ISO 100 SAE 30	ISO 150 SAE 40
Viscosity Index	D-2270	133	132	135	145
Viscosity @ 40° C, cSt	D-445	29.6	46.7	96.2	149.7
Viscosity @ 100° C, cSt	D-445	5.64	7.68	13.13	19.08
Viscosity @ 100°F, SUS	D-445	152	235	494	764
Viscosity @ 210°F, SUS	D-445	45.1	51.9	71.4	96.8
Flash Point, ° F	D-92	470	530	535	515
Pour Point, ° F	D-97	-60	-60	-55	-40
Auto ignition Point, ° F	D-2155	730	745	760	770
Emulsion Tendency	D-1401	40/40/0(15)	40/40/0(5)	40/40/0(5)	43/37/0(10)
Density lbs/gal	D-1298	6.886	6.944	7.002	7.037
Specific Gravity	D-1298	0.827	0.834	0.841	0.845
Color	D-1500	Clear	Clear	Clear	Clear

HANDLING PRACTICES

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet. For more information and availability, call (630) 513-6350.

**SYNCOMP FG LUBRICANTS PROVIDE MAXIMUM PROTECTION,
IN AN EXTREMELY TOUGH ENVIRONMENT,
FOR YOUR AIR COMPRESSORS**



PETROCHEM, INC.

SPECIALTY LUBRICANTS

The information contained herein is believed to be accurate but all suggestions are made without Guarantee because the conditions of actual use are beyond our control. Petrochem disclaims all Liability incurred in connection with the use of this data or suggestions.

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