



Performance Filtration, Inc.

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 Lewisville, TX 75067
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**Synthetic Air Compressor
 FG PAO SERIES**

Product Information - MSDS Data Sheet

SYNTHETIC COMPRESSOR LUBRICANT

The **FG PAO Series** lubricants are specially designed for rotary screw, vane and reciprocating compressors being used in the food service industry. These lubricants are approved by the **USDA** for H-1 application (lubricants with incidental food contact) and comply fully with the requirements of **F.D.A. 21 CFR 178.3570**.

The **FG PAO Series** lubricants are formulated from the highest quality synthesized hydrocarbon (PAO) fluids available. The special additive system is blended with the synthetic base-fluid to provide extended lubricant life and to protect against wear, rust and corrosion. **FG PAO Series** lubricants are extended life lubricants and have the same software compatibility as our PAO Series lubricants.

Product Part Number- FG PAO		32	46	100	150
PFI Part Number	Test Method	3594	2561	3599	4952
ISO Viscosity Grade	ASTM D2422	32	46	100	150
Viscosity:					
Cst @ 40°C	ASTM D445	29.6	46.7	96.2	149.7
Cst @ 100°C	ASTM D445	5.64	7.68	13.13	19.08
SUS @ 100°F	ASTM D445	152	235	494	764
SUS @ 210°F	ASTM D445	45.1	51.9	71.4	96.8
Viscosity Index	ASTM D2270	133	132	135	145
Specific Gravity		0.8270	0.8340	0.8410	0.8450
Density, lbs/gal		6.886	6.944	7.002	7.037
Pour Point °F (°C)	ASTM D97	-60 (-51)	-60 (-51)	-55 (-48)	-40 (-40)
Flash Point °F	ASTM D92	470 (243)	530 (277)	535 (279)	515 (268)
Autoignition Point °F	ASTM D2155	730 (388)	745 (396)	760 (404)	770 (410)
Emulsion Tendency	ASTM D1401	40/40/0 15 min	40/40/0 5 min	40/40/0 5 min	43/37/0 10 min
USDA Approval		H-1	H-1	H-1	H-1
Kosher Approval		Yes	Yes	Yes	Yes
Foaming Tendency					
Seq I	ASTM D892	NIL	NIL	NIL	NIL
Seq II	ASTM D892	NIL	NIL	NIL	NIL
Seq III	ASTM D892	NIL	NIL	NIL	NIL

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The information contained in this document is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability.