



Performance Filtration, Inc.

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 Lewisville, TX 75067
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**Synthetic Refrigeration
 POE SERIES**

Product Information - MSDS Data Sheet

SYNTHETIC COMPRESSOR LUBRICANT

R-POE (Polyol Ester) Series is fully synthetic lubricants designed for use in refrigeration compressors using R-134A and other HFCs as the refrigerant. They have excellent chemical and thermal stability as well as superior lubricity characteristics with steel and aluminum. They are miscible with all HFCs, HCFCs, CFCs and blends. They were specifically developed for HFC refrigerants.

Product Part- R-POE	32	46	68	100
PFI Part Number	4953	4954	4955	4956
ISO Viscosity Grade	32	46	68	100
Viscosity:				
Cst @ 40°C	33.0	45.1	68.5	98.4
SUS @ 100°F	5.8	7.22	9.5	12.3
Viscosity Index	118	121	117	118
Density, lb/gal	8.14	8.14	8.16	8.12
Pour Point °F (°C)	-58 (-50)	-31 (-35)	-35 (-37)	-15 (-26)
Flash Point °F	471 (244)	493 (256)	520 (271)	514 (268)
Fire Point, °F, (°C)	511 (266)	530 (276)	565 (296)	550 (287)
Specific Gravity	0.9770	0.9770	0.9800	0.9745

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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.