



Performance Filtration - 1440 S Hwy 121 Ste 4 Lewisville, TX 75067
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1440 Hwy 121 Ste 4
 Lewisville, TX 75067
 800-866-2959 or 972-434-2959
 972-436-1932 (fax)

**Synthetic Refrigeration
 Polyglycol Insoluble (PGI)**

Product Information - MSDS Data Sheet

SYNTHETIC REFRIGERATION COMPRESSOR LUBRICANT

Polyglycol Insoluble (PGI) synthetic lubricants were designed for use in the compression of propane in refrigeration or unloading service. Available in three grades for rotary screw and reciprocating compressors, PGI is especially suitable for wet gas situations. Due to the varying make-up of gases and operating temperatures, please contact us for specific product recommendations.

Product Part# PGI-		68	100	150
PFI Part #	Test Method	3593	3595	3597
OEM - CPI ENGINEERING				
	Part # CP-1516-	68	100	150
ISO Grade	ASTM D2422	68	100	150
Viscosity:				
Cst @ 40°C	ASTM D445	55.5	102.0	123.0
Cst @ 100°C	ASTM D445	10.70	18.00	21.30
SUS @ 100°F	ASTM D445	281	519	626
SUS @ 210°F	ASTM D445	62.8	92.2	106.0
Viscosity Index	ASTM D2270	187	195	200
Pour Point °F (°C)	ASTM D97	-35 (-37)	-30 (-34)	-25 (-32)
Density, g/ml	60°F	.992	.996	1.000
	100°F	.954	.958	.961
Flash Point °F (°C)	ASTM D92	460 (238)	445 (229)	460 (238)

Thermal Characteristics:

Specific Heat

Cal/g-°C
 60°C=0.48
 80°C=0.49
 100°C=0.51

Thermal Conductivity

BTU/Hr/(Ft*°F)
 100°F=0.095
 200°F=0.090

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.
