

March 15, 2004

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Product Data Sheet



NOTE: The information in this publication 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. Product typical properties in this publication are current as of May 13, 2002.

SYNTHETIC NATURAL GAS COMPRESSOR

PGS-10

Summit PGS-10 synthetic lubricant is a polyglycol-based product for use in seals and liquid ring vacuum pumps requiring the highest level of resistance to hydrocarbon dilution. Conditions demand the unique properties of this fluid. Better wear protection, thermal and oxidation stability, and reduced sludge and deposit formation insure enhanced performance when compared to petroleum-based lubricants.

When used in compressors with high concentrations of hexane and heavier hydrocarbon vapors, the resistance to thinning out by hydrocarbon dilution allows PGS-10 to maintain the proper operating viscosity, extending drain intervals and parts life. Due to the varying make-up of gases and operating temperatures, please contact your Summit representative for specific product recommendations.

As the PGS-10 lubricant is incompatible with petroleum oils, care should also be taken to make sure the two are not mixed.

Physical Properties

PRODUCT	PGS-10
ISO Grade	10
Viscosity	
@ 40°C, cSt	9.3
@ 100°C, cSt	2.53
@ 100°F, SUS	58.6
@ 210°F, SUS	34.8
Specific Gravity	
t/t @ 185°F	.9528
t/t @ 100°F	.9818
t/t @ 60°F	.9925
Viscosity Index	98
Pour Point, °F (°C)	-60 (-51)
Density, g/ml, 60°F	.9915
100°F	.9750
Flash Point, °F (°C)	270 (132)

Applications:

- Natural Gas Compressors
- Process Gas Compressors