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Klüber Lubrication NA LP • P.O. Box 131359 • Tyler, CR 2120, Texas 75713, Phone 903.534.8021 • Fax 903.581.4376

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.

SYNTHETIC NATURAL GAS COMPRESSOR

PGS-2 & PGS-3

Summit PGS-2 & PGS-3 synthetic lubricants are polyglycol-based products for use in rotary screw gas compressors requiring the highest level of resistance to hydrocarbon dilution. Extreme conditions demand the unique properties of these fluids. These products when compared to petroleum-based lubricants provide better wear protection, reduced sludge and reduced deposit formation to ensure enhanced performance.

*When used in rotary compressors with high concentrations of hexane and heavier hydrocarbon vapors, the resistance to thinning by hydrocarbon dilution allows **PGS-2 & PGS-3** to maintain the proper operating viscosity, extending drain intervals and parts life. Because of the varying make-up of gases and operating temperatures, please contact your Summit representative for specific product recommendations.*

*As **PGS-2 & PGS-3** lubricants are incompatible with petroleum oils, care should be taken to make sure they are not mixed.*

Physical Properties

PRODUCTS	PGS-2	PGS-3
ISO Grade	100	-
Viscosity		
@ 40°C, cSt	89.5	114
@ 100°C, cSt	11.70	17.4
@ 100°F, SUS	460	584
@ 210°F, SUS	66.0	89.4
Viscosity Index	121	168
Pour Point, °F (°C)	-44 (-42)	10 (-12)
Density, g/ml, 60°F	1.153	1.141
100°F	1.116	1.125
Flash Point, °F (°C)	560 (293)	510 (266)

Applications:

- Natural Gas Compressors
- Process Gas Compressors

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.