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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.

SYNTHETIC BLEND

NGP-100LT

Summit NGP-100LT is a highly refined petroleum/synthetic blended lubricant designed for use in gas compressor applications requiring lubricant with lower temperature fluidity compared to a conventional mineral oil. The lubricant is formulated to provide some of the same benefits provided by synthetics such as PAO. The additive technology used in NGP-100LT enables the fluid to far outperform other petroleum based lubricants.

Some of the benefits are:

•**NGP- 100LT** is designed to minimize no flow shutdowns on cold days. It has a pour point approaching that of a synthetic PAO. Use of **NGP-100LT** may eliminate the need for heated and pressurized day tanks as well as heat traced lines.

•Its high viscosity index (V.I.) means a significant increase in operating temperature range over most mineral based oils and many synthetics. It can also mean better lubricant film strength at higher cylinder and packing temperatures on reciprocating compressors.

•**NGP-100LT** is formulated to inhibit against the corrosive effects of the wet acid gases of carbon dioxide (CO₂) and hydrogen sulfide (H₂S) often found in gas compressor applications.

Physical Properties

PRODUCT	NGP-100LT
ISO Viscosity Grade	100
Viscosity:	
@ 40°C, cSt	108
@ 100°C, cSt	17.5
@ 100°F, SUS	502
@ 210°F, SUS	87.8
Viscosity Index	179
Specific Gravity	0.8763
Density @ 60°F, lbs/gal	7.313
Flash Point, °F (°C)	475 (246)
Fire Point, °F (°C)	505 (263)
Pour Point, °F (°C)	-42 (-41)
Water Separation, ASTM D 1401	40/40/0 (5 mins.)
Rust, ASTM D 665B	Pass
Copper Corrosion	1A