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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 BLEND

NGP-220 Natural Gas Compressor

*Summit NGP-220 lubricants are synthetic blends formulated from highly refined hydrogenated paraffinic petroleum and high temperature synthetic base stocks. The addition of **SYNTHOLATE** inhibits the formation of varnish and carbon and provides superior thermal and oxidative stability. Utilizing the superior base stocks fortified with **SYNTHOLATE** extends the life of **Summit NGP-220** lubricants compared to that of conventional mineral oils and provides the following money saving benefits:*

- *Reduces lubricant consumption - Extended drain intervals and lower vapor pressures reduce lubricant consumption.*
- *Reduces maintenance - **SYNTHOLATE** reduces carbon and varnish formation thus extending the time interval between overhauls.*
- *Excellent lubricity - Provides improved wear protection for bearings and other moving parts.*
- *Good compatibility - The base stocks and special additive package provide excellent compatibility with system components and inhibit against hydrogen sulfide corrosion.*
- *Improves safety - Higher flash points provide a greater margin of safety inspection results.*

Physical Properties

PRODUCTS	NGP-220
ISO Viscosity Grade	220
Viscosity:	
@ 40°C, cSt	218
@ 100°C, cSt	26.3
Viscosity Index	154
Specific Gravity	0.869
Pour Point, °F (°C)	-25 (-32)
Flash Point, °F (°C)	440 (227)
Four Ball Wear Test, mm	0.52

Thermal Characteristics:

Specific Heat

BTU/lbm - °F
140°F = 0.476
160°F = 0.485
180°F = 0.494

Thermal Conductivity

BTU/hr - ft² and °F/inch
0°F = 0.94
200°F = 0.88
400°F = 0.83