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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 June 21, 2007.

SYNTHETIC NATURAL GAS COMPRESSOR

NGSH SERIES

The Summit NGSH Series of lubricants is formulated from the highest quality synthetic hydrocarbon base stocks. NGSH lubricants are extended life fluids with special additives to protect equipment from wear, rust and hydrogen sulfide corrosion. These fluids are designed for rotary screw and reciprocating compressors in natural gas service. The NGSH Series lubricants have low pour points, high viscosity indices and excellent water demulsibility. Consult your Summit distributor or application engineer for assistance in choosing the proper fluid for your application.

Physical Properties

PRODUCTS	NGSH-68	NGSH-100	NGSH-150	NGSH-220
ISO Grade	68	100	150	220
Specific Gravity	0.869	0.889	0.891	0.891
Viscosity				
@ 40°C, cSt	62.7	95.5	140.5	192.0
@ 100°C, cSt	10.10	13.9	18.50	22.40
@ 100°F, SUS	320	491	718	990
@ 210°F, SUS	60.4	75.2	94.3	111.4
Viscosity Index	147	148	148	141
Pour Point, °F (°C)	-55 (-48)	-44 (-42)	-49 (-45)	-49 (-45)
Flash Point, °F (°C)	475 (246)	500 (260)	515 (268)	525 (274)
Autoignition, °F (°C)	750 (399)	760 (404)	760 (404)	765 (407)
Emulsion Tendency	40/38/2 (10 mins.)	40/38/2 (10 mins.)	40/37/3 (10 mins.)	40/37/3 (10 mins.)
Four Ball Wear, mm	0.55	0.50	0.45	0.40

Summit NGSH Series lubricants are compatible with commonly used seal materials and equipment designed for use with petroleum oils.