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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 January 11, 2011.

## SYNTHETIC AIR COMPRESSOR

### SG-150

*Summit SG-150 is formulated from high quality ester base stocks for positive displacement compressors in syngas service. SG-150 does not contain metals or added nitrogen that would contribute to poisoning and reduced efficiency of catalyst beds used in syngas production. SG-150 is formulated with antioxidants for applications where some oxygen is present as a component of the gas stream. The esters used in SG-150 form minimal carbon deposits on the discharge valves of reciprocating compressors. This results in longer valve life and greater compressor efficiency. The low carbon forming tendency is of benefit in rotary screw applications as well where oil carryover past the separator will see high temperatures downstream. SG-150 will not form the coke seen when using mineral oils or PAOs in these high temperature areas.*

### Physical Properties

PRODUCT	SG-150
ISO Viscosity Grade	150
Viscosity:	
@ 40°C, cSt	147
@ 100°C, cSt	14.8
@ 100°F, SUS	772
@ 210°F, SUS	78.8
Viscosity Index	100
Specific Gravity, 60°F	0.9558
Pour Point, °F (°C)	-36 (-38)
Flash Point, °F (°C)	530 (277)
Fire Point, °F (°C)	570 (299)
Density, lbs/gals, 60°F	7.9599
Rust	Pass

**SPECIAL NOTE:** SG-150 lubricant is not compatible with some elastomers used in compressors and pumps including some paint used in crankcases. Consult the Material Compatibility Guide for specific recommendations.