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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 AIR COMPRESSOR

### AU-46 Silicone Based Fluid

*AU-46 is a silicone-based fluid designed for use in rotary screw compressors. AU-46 does not break down under normal operating temperatures and pressures thereby eliminating carbon deposits, sludge and varnish formations. The system stays clean of lubricant by-products resulting in lower maintenance costs. The high viscosity index insures a minimum change in viscosity over the compressor's temperature range. AU-46 has excellent water separation, corrosion protection and lubricity characteristics.*

### Physical Properties

PRODUCTS	AU-46
Appearance	Clear, water-white fluid
Viscosity	
@ -28°C, cSt	214
@ 25°C, cSt	50.8
@ 40°C, cSt	37.9
@ 100°C, cSt	15.5
Viscosity Index	422
Specific Gravity	0.97
Density lbs/gal	8.08
Flash Point, °F (°C)	480 (249)
Fire Point, °F (°C)	550 (288)
Pour Point, °F (°C)	-65 (-54)
Autoignition	
Temperature, °F (°C)	800 (427)