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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 PROCESS GAS COMPRESSOR

### DSL®-XM SERIES (Diester)

*Summit DSL®-XM Series are formulated from the best diester base stocks available and employ state of the art additive technology to provide outstanding lubricants. DSL®-XM Series are approved by U.O.P. for hydrogen compressor service associated with their catalytic processes. Please consult your Summit distributor for additional information.*

**Summit DSL®-100XM & 125XM** are recommended for use in the following applications: centrifugal compressors, reciprocating compressors, rotary screw compressors, vane compressors, air tools, ball and roller bearings, mist, and low temperature lubrication.

### Physical Properties

PRODUCTS	DSL®-100XM	DSL®-125XM
ISO Viscosity Grade	100	100/150
Viscosity:		
@ 40°C, cSt	98.5	127
@ 100°C, cSt	10.9	13.6
@ 100°F, SUS	514	662
@ 210°F, SUS	63.5	74.0
Viscosity Index	94	103
Specific Gravity	0.9610	0.9570
Density lbs/gal	8.008	7.975
Pour Point, °F (°C)	-30 (-34)	-30 (-34)
Flash Point, °F (°C)	465 (241)	475 (246)
Autoignition Point, °F (°C)	780 (416)	785 (418)
Copper Corrosion	1A	1A
Conradson Carbon	0.02	0.02
Rust	Pass	Pass

**SPECIAL NOTE:** Summit DSL® lubricants are compatible with almost all elastomers used in compressors and pumps including the paint used in crankcases. Consult the Material Compatibility Guide for specific recommendations.