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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.

SYNTHETIC PROCESS GAS COMPRESSOR

DSL[®]-XM Series

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

Summit DSL[®]-XM Series lubricants are recommended for use in the following applications: reciprocating compressors, rotary screw compressors, vane compressors, air tools, ball and roller bearings, mist, and low temperature lubrication.

Physical Properties

PRODUCTS	100XM	125XM	150XM
ISO Grade	100	125	150
Viscosity:			
@ 40°C, cSt	97.0	125	154
@ 100°C, cSt	10.8	13.3	15.5
@ 100°F, SUS	514	662	811
@ 210°F, SUS	63.5	74.0	81.9
Viscosity Index	94	103	101
Specific Gravity	0.9610	0.9570	0.9560
Density lbs/gal	8.008	7.975	7.962
Pour Point, °F (°C)	-30 (-34)	-38 (-39)	-30 (-34)
Flash Point, °F (°C)	495 (257))	495 (257)	505 (263)
Autoignition Point, °F(°C)	780 (416)	785 (418)	785 (418)
Copper Corrosion	1A	1A	1A

SPECIAL NOTE: Summit DSL[®] lubricants are not compatible with most elastomers used in compressors and pumps including the paint used in crankcases. Consult the Material Compatibility Guide for specific recommendations.