Product information

DSL®-XM Series

Synthetic process gas compressor lubricants

Your benefits at a glance

- Excellent lubricant properties
- Complies with U.O.P. guidelines
- Broad application uses

Your requirements - our solution

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.

Application

- Reciprocating compressors
- Rotary screw compressors
- Vane compressors
- Air tools
- Ball and roller bearings
- Mist and low temperature lubrication

Application notes

DSL lubricants are not compatible with some elastomers used in compressors and pumps including the paint used in crankcases. Consult the Material Compatibility Guide for specific recommendations.

Material safety data sheets

Material safety data sheets can be requested via our website https://www.klsummit.com. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	DSL-100XM	DSL-125XM	DSL-150XM
Article number	340508	340509	340370
Density	-	0.955 g/cm³	-
Density, 20°C	approx. 0.950 g/cm³	-	approx. 0.950 g/cm³
Flash point	-	240 °C	-
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	-	≥ 250 °C
Kinematic viscosity, 100°C	-	13.3 mm²/s	-
Kinematic viscosity, 40°C	-	125 mm²/s	-
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 11.0 mm²/s	-	approx. 15.5 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 100 mm²/s	-	approx. 153 mm²/s
Viscosity index	-	103	-
Viscosity index, ASTM D2270	approx. 97	-	approx. 103
Copper corrosion	-	1 - - corrosion degree	-
Copper corrosion, ASTM D130, 24 h, 100°C	1 - 100 - 24 corrosion degree	-	1 - 100 - 24 corrosion degree

a brand of KLÜBER LUBRICATION

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Characteristics	DSL-100XM	DSL-125XM	DSL-150XM
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -42 °C	-	approx. -37 °C
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-	-39 °C	-
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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