

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

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

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

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	0.95 g/cm ³	0.955 g/cm ³	0.949 g/cm ³
Flash point	240 °C	240 °C	232 °C
Kinematic viscosity, 100°C	10.8 mm ² /s	13.3 mm ² /s	15.5 mm ² /s
Kinematic viscosity, 40°C	97.0 mm ² /s	125 mm ² /s	154 mm ² /s
Viscosity index	94	103	101
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-34 °C	-39 °C	-34 °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

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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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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