

DSL®-100S

Synthetic compressor lubricant



Your benefits at a glance

- Withstands high pressure compressors
- Compatible with a broad temperature range
- Excellent lubrication properties

Your requirements - our solution

DSL-100S is formulated from diester base stocks and employs state-of-the-art additive technology to provide an outstanding lubricant for high pressure compressors.

Application

DSL-100S is an excellent lubricant for the following applications:

- High pressure Seismic compressors
- Reciprocating compressor cylinders
- Low and high temperature lubrication
- General lubrication

Application notes

DSL-100S can be used as a flushing oil where the compressor needs to be flushed while running under load. It does not contain polymers commonly used as thickeners in ester based oils.

DSL lubricants are not compatible with almost all 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	Flushing Oil-100
Article number	340023
Density, 20°C	approx. 0.952 g/cm ³
Flash point, ASTM D92, Cleveland open cup	≥ 250 °C
Ignition Point	421 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 8.5 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 87.3 mm ² /s
Viscosity index, ASTM D2270	approx. 55
Copper corrosion, ASTM D130, 24 h, 100°C	1 - 100 - 24 corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -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

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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.

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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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