

LCG-150XS

Synthetic natural gas compressor lubricant



Your benefits at a glance

- Inhibits effects of sour gases
- Provides longer fluid and equipment life
- Protects oil wetted parts against corrosion

Your requirements - our solution

Summit LCG-150 XS is specially formulated compressor lubricants designed to be inert to most reactive and corrosive gases encountered in landfills, refineries, EOR and chemical process plants. LCG-150 XS is based on 100 % pure synthetic PAO. It contains no added siloxanes for compatibility in siloxane sensitive processes. It's extremely low vapor pressure results in minimal carryover past the separator. It does not contain sulfur or other impurities associated with petroleum based products that might react with the acids, chlorinated compounds or sour gases found in various applications. PAOs are fully saturated compounds and do not contain the alkenes or aromatics found in group I, II or even the group III mineral oils touted as being "pure." LCG-150 XS is ester free and not subject to hydrolysis issues encountered with most esters when used in acidic environments. LCG-150 XS is suitable for use in certain chloride containing environments where the use of

mineral oil, esters or synthetic polyglycols (PAGs) are not permitted. Lubricants that are reactive with a gas stream may form by-products that are harmful to equipment or the environment. Solids may form and cause fouling or plugging issues in certain applications.

Summit LCG-150 XS will protect oil wetted parts against the corrosive effects of common acids and water. It is engineered with superior technology to inhibit the effects of sour gases such as hydrogen sulfide or carbon dioxide on metal surfaces found within the oil wetted parts of a compressor.

Summit LCG-150 XS is designed to result in longer fluid and equipment life for rotating compressors in corrosive and reactive environments. Please consult with a Summit lubrication expert about the suitability of LCG-150 XS in these types of applications.

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	LCG-150XS
Article number	340539
Density	0.84 g/cm ³
Fire point	316 °C
Flash point	270 °C
Kinematic viscosity, 100°C	20.0 mm ² /s
Kinematic viscosity, 40°C	159 mm ² /s
Viscosity index	146
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-45 °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.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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