

PGS® Series

Synthetic natural gas compressor



Your benefits at a glance

- Extends drain intervals and parts life
- Contains rust and corrosion inhibitors
- Contains oxidation control agents, anti-wear compounds and hydrogen sulfide inhibitors

Your requirements - our solution

Summit PGS synthetic lubricants are polyalkylene glycol based products for use in natural gas rotary screw compressors. The resistance to thinning out by hydrocarbon dilution allows PGS to maintain the proper operating viscosity, extending drain intervals and parts life. This unique blend is specifically additive treated with rust and corrosion inhibitors, oxidation control agents, anti-wear compounds, and hydrogen sulfide inhibitors. Contact your Summit representative for specific product recommendations.

Application

Natural gas rotary screw compressors

Application notes

As the Summit PGS lubricants are incompatible with petroleum oils, care should be taken to make sure the two are not mixed.

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	PGS-32	PGS-46	PGS-68	PGS-100
Article number	340354	340217	340108	340101
Density	1.015 g/cm ³	1.024 g/cm ³	1.04 g/cm ³	1.048 g/cm ³
Flash point	205 °C	257 °C	230 °C	230 °C
Kinematic viscosity, 100°C	6.9 mm ² /s	9.9 mm ² /s	14.8 mm ² /s	19.4 mm ² /s
Kinematic viscosity, 40°C	30.4 mm ² /s	47.0 mm ² /s	68.0 mm ² /s	100 mm ² /s
Viscosity index	198	204	230	218
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-60 °C	-51 °C	-51 °C	-45 °C
Four-ball tester: wear characteristics		0.50 mm		
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	36 months

Characteristics	PGS-150
Article number	340103
Density	1.06 g/cm ³
Flash point	240 °C
Kinematic viscosity, 100°C	27.8 mm ² /s

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Characteristics	PGS-150
Kinematic viscosity, 40°C	148 mm ² /s
Viscosity index	227
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-45 °C
Four-ball tester: wear characteristics	
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	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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