Product information

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, 20°C	approx. 1.020 g/cm³	approx. 1.027 g/cm³	approx. 1.038 g/cm³	approx. 1.047 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 210 °C	≥ 230 °C	≥ 230 °C	≥ 230 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	32	46	68	100
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 6.9 mm²/s	approx. 9.9 mm²/s	approx. 13.9 mm²/s	approx. 19.5 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 30.4 mm²/s	approx. 47.1 mm²/s	approx. 68 mm²/s	approx. 101 mm²/s
Viscosity index, ASTM D2270	approx. 195	approx. 204	approx. 211	approx. 216
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -58 °C	approx. -52 °C	approx. -52 °C	approx. -48 °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	36 months

Characteristics	PGS-150
Article number	340103
Density, 20°C	approx. 1.059 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 240 °C

a brand of KLÜBER LUBRICATION

PGS® Series

Synthetic natural gas compressor

Characteristics	PGS-150
ISO viscosity grade, DIN ISO 3448, ISO VG	150
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 27.4 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 150 mm²/s
Viscosity index, ASTM D2270	approx. 221
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -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

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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