

PS Series

Premium synthetic blend



Your benefits at a glance

- Contains rust and corrosion inhibitors
- Contains oxidation control agents, anti-wear compounds and defoamants
- Exceptional at controlling sludge and deposits

Your requirements - our solution

Summit PS Series premium synthetic blend lubricants are a blend of synthetic and petroleum base fluids specially designed for compressor applications and are useful in multi-purpose applications. The lighter grades are also well suited for gas and steam turbine applications. The PS Series is manufactured using the

highest quality base stocks, additive treated with rust and corrosion inhibitors, oxidation control agents, anti-wear compounds and defoamants and is exceptional at controlling sludge and deposits. Please contact your Summit representative for specific product 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	PS-100	PS-150	PS-200	PS-300
Article number	340528	340529	340530	340476
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	40-40-0 (20) ml (min)	40-40-0 (20) ml (min)	40-37-3 (20) ml (min)	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	-	-	-	40-40-0 (20) ml (min)
Density	-	-	0.87 g/cm ³	-
Density, 20°C	approx. 0.863 g/cm ³	approx. 0.868 g/cm ³	approx. 0.873 g/cm ³	approx. 0.878 g/cm ³
Flash point, Cleveland open cup	-	-	≥ 230 °C	-
Flash point, ASTM D92, Cleveland open cup	≥ 200 °C	≥ 210 °C	-	≥ 240 °C
Foam test, ISO 6247 / ASTM D892, 24°C, sequence I	approx. 0/0 ml	approx. 0/0 ml	approx. 0/0 ml	approx. 0/0 ml
Foam test, ISO 6247 / ASTM D892, 24°C, sequence III	approx. 0/0 ml	approx. 0/0 ml	approx. 0/0 ml	approx. 0/0 ml
Foam test, ISO 6247 / ASTM D892, 93.5°C, sequence II	approx. 20/0 ml	approx. 10/0 ml	approx. 30/0 ml	approx. 10/0 ml
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. 5.5 mm ² /s	approx. 6.8 mm ² /s	approx. 8.6 mm ² /s	approx. 11.7 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 32 mm ² /s	approx. 45 mm ² /s	approx. 65 mm ² /s	approx. 101 mm ² /s
Viscosity index, ASTM D2270	approx. 107	approx. 106	approx. 102	approx. 103
Copper corrosion, ASTM D130, 3 h, 100°C	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree

PS Series

Premium synthetic blend



Characteristics	PS-100	PS-150	PS-200	PS-300
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -38 °C	approx. -37 °C	approx. -35 °C	approx. -34 °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	36 months	36 months	36 months

Characteristics	PS-400
Article number	340531
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	40-37-3 (25) ml (min)
Density	-
Density, 20°C	approx. 0.881 g/cm ³
Flash point, Cleveland open cup	-
Flash point, ASTM D92, Cleveland open cup	≥ 240 °C
Foam test, ISO 6247 / ASTM D892, 24°C, sequence I	approx. 0/0 ml
Foam test, ISO 6247 / ASTM D892, 24°C, sequence III	approx. 0/0 ml
Foam test, ISO 6247 / ASTM D892, 93.5°C, sequence II	approx. 0/0 ml
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. 15.1 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 157 mm ² /s
Viscosity index, ASTM D2270	approx. 96
Copper corrosion, ASTM D130, 3 h, 100°C	1 - 100 - 3 corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -33 °C
Four-ball tester: wear characteristics	0.61 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

PS Series

Premium synthetic blend



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 /
9010 County Road 2120, Tyler, TX 75707 /
Phone: +1 800 749 5823 / www.klsummit.com

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.

Publisher and Copyright: Klüber Lubrication NA LP. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication NA LP and if source is indicated and voucher copy is forwarded.