

CentriPump SPO Series

Synthetic and petroleum base fluids



Your benefits at a glance

- Offers superior oxidation life
- Excellent wear protection
- Low pour points
- High viscosity indices
- Excellent water demulsibility

Your requirements - our solution

Summit CentriPump SPO Series lubricants are manufactured from the highest quality PAO (polyalphaolefin) base stocks and advanced additive technology. CentriPump SPO Series lubricants are recommended for centrifuged pumps and present many advantages over petroleum-based lubricants as well as other popular synthetic based products.

CentriPump SPO Series lubricants are compatible with commonly used seal materials and equipment designed for use with petroleum oils.

Application

Centrifugal pumps

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	CentriPump SPO-32	CentriPump SPO-46	CentriPump SPO-68	CentriPump SPO-100
Article number	340356	340363	340364	340365
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	40-40-0 (15) ml (min)	40-40-0 (15) ml (min)	40-40-0 (15) ml (min)	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	-	-	-	40-40-0 (15) ml (min)
Density, 20°C	approx. 0.850 g/cm ³	approx. 0.851 g/cm ³	approx. 0.858 g/cm ³	approx. 0.860 g/cm ³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	≥ 240 °C	≥ 240 °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. 0/0 ml	approx. 10/0 ml	approx. 20/0 ml	approx. 0/0 ml
Ignition Point	approx. 388 °C	approx. 396 °C	approx. 396 °C	approx. 404 °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. 5.7 mm ² /s	approx. 7.6 mm ² /s	approx. 9.9 mm ² /s	approx. 13.3 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 31 mm ² /s	approx. 47 mm ² /s	approx. 67 mm ² /s	approx. 99 mm ² /s

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Viscosity index, ASTM D2270	approx. 124	approx. 128	approx. 131	approx. 133
Copper corrosion, ASTM D130, 24 h, 100°C	1 - 100 - 24 corrosion degree	1 - 100 - 24 corrosion degree	1 - 100 - 24 corrosion degree	1 - 100 - 24 corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -59 °C	approx. -55 °C	approx. -52 °C	approx. -51 °C
Four-ball tester: wear characteristics, ASTM D4172, method: B, 1200 min ⁻¹ / 40 kgf, 60 min, 75°C	approx. 0.47 mm	approx. 0.42 mm	approx. 0.41 mm	approx. 0.47 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	60 months	60 months	60 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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