

Summit Ultima® Series

Synthetic air compressor



Your benefits at a glance

- Oxidation resistance
- Reduction in sludge and deposit formation
- Compatible with existing O.E.M. lubricants

Your requirements - our solution

Summit Ultima is a high performance lubricant formulated specifically to outperform other synthetic rotary compressor lubricants on the market. Ultima employs a unique base stock that allows improvements in oxidation resistance and sludge and

deposit formation over conventional synthetic base stocks. It is also compatible with existing O.E.M. provided lubricants. Please contact your Summit representative for additional information.

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	ULTIMA-32	ULTIMA-46	ULTIMA-68
Article number	340277	340182	340183
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	40-40-0 (15) ml (min)	40-40-0 (20) ml (min)	40-40-0 (20) ml (min)
Density, 20°C	approx. 0.904 g/cm ³	approx. 0.916 g/cm ³	approx. 0.918 g/cm ³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	≥ 248 °C	≥ 246 °C
Foam test, ISO 6247 / ASTM D892, 24°C	approx. 0/0 ml, approx. 0/0 ml	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	approx. 0/0 ml	approx. 0/0 ml	approx. 0/0 ml
ISO viscosity grade, DIN ISO 3448, ISO VG	32	46	68
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 5.9 mm ² /s	approx. 8.1 mm ² /s	approx. 9.9 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 34 mm ² /s	approx. 52 mm ² /s	approx. 67 mm ² /s
Viscosity index, ASTM D2270	approx. 117	approx. 125	approx. 130
Copper corrosion, ASTM D130, 3 h, 100°C	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree
Steel corrosion, DIN ISO 7120 / ASTM D665, method A, 24 h, 60°C	rust-free	rust-free	rust-free
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -57 °C	approx. -51 °C	approx. -47 °C
Oxidation stability, ASTM D2272, Rotating Pressure Vessel Oxidation Test (RPVOT), operating time at 150°C	approx. 2940 min.	approx. 3600 min.	approx. 3600 min.
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

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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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