Product information

SH®-32T and SH®-46T

Synthetic gas turbine oils

Your benefits at a glance

- Low temperature fluidity - Pour Point of -65 °F
- High viscosity index - less viscosity change with temperature
- High temperature stability - demonstrated by FTM 5308 performance test
- Low foaming characteristics
- Excellent load-carrying ability
- Exceptionally good anti-wear as measured by ASTM D2266

Your requirements - our solution

Summit SH-32T and SH-46T gas turbine lubricants have been formulated to operate in land-based gas turbines under a wide range of temperatures. Synthetic hydrocarbon base stocks and selected additives combine to provide excellent viscosity-temperature characteristics, oxidation stability, wear resistance, and load-carrying ability.

Summit gas turbine lubricants met the requirements of specifications approved by all the major manufacturers of gas turbines and Summit SH-32T is approved by Solar Turbine as conforming to their ES9-224 lube oil specification for Class I ISO 32 lube oils.

Application

Land-based gas turbines

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	SH-32 T	SH-46 T
Article number	340154	340155
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	-	40-40-0 (10) ml (min)
Density, 20°C	approx. 0.841 g/cm³	approx. 0.842 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	≥ 230 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	32	46
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 6.2 mm²/s	approx. 7.4 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 32.8 mm²/s	approx. 44 mm²/s
Viscosity index, ASTM D2270	approx. 138	approx. 133
Copper corrosion, ASTM D130, 3 h, 100°C	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree
Steel corrosion, DIN ISO 7120 / ASTM D665, method B, 24 h, 60°C	rust-free	rust-free
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -63 °C	approx. -60 °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

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

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