

FG Series

Synthetic air compressor lubricant



Your benefits at a glance

- Excellent lubricant life
- Excellent protection against wear, rust, and corrosion

Your requirements - our solution

The Summit FG Series lubricants are specially designed for rotary screw, vane and reciprocating compressors being used in the food service industry. These fully synthetic lubricants are NSF Registered and meet USDA 1998 (H1) guidelines (lubricants with incidental food contact). Summit FG Series lubricants are Kosher/Halal certified. Summit is an ISO 21469 certified facility.

The FG Series lubricants are formulated from the highest quality synthesized hydrocarbon fluids available. The special additive system is blended with the synthetic base-fluid to provide extended lubricant life and to protect against wear, rust and corrosion. FG Series lubricants have the same software compatibility as Summit SH® Series lubricants.

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	FG-100	FG-200	FG-250	FG-300
Article number	340505	340506	340234	340507
NSF H1 registration number	136551	136552	140227	137077
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	40-40-0 (10) ml (min)	40-40-0 (20) ml (min)	40-40-0 (20) ml (min)	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	-	-	-	40-40-0 (15) ml (min)
Density	-	-	-	0.838 g/cm ³
Density, 20°C	approx. 0.825 g/cm ³	approx. 0.830 g/cm ³	approx. 0.833 g/cm ³	approx. 0.838 g/cm ³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	≥ 240 °C	≥ 250 °C	approx. 273 °C
Ignition Point	388 °C	396 °C	399 °C	404 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 5.8 mm ² /s	approx. 7.7 mm ² /s	approx. 10.6 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. 46 mm ² /s	approx. 70 mm ² /s	approx. 98 mm ² /s
Viscosity index, ASTM D2270	approx. 130	approx. 134	approx. 139	approx. 135
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -67 °C	approx. -40 °C	approx. -40 °C	approx. -40 °C

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Mineral Oils associated with, MOAH (Mineral Oil Aromatic Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.)	Component of recipe	Component of recipe	Component of recipe	Component of recipe
Mineral Oils associated with, MOSH (Mineral Oil Saturated Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.)	Component of recipe	Component of recipe	Component of recipe	Component of recipe
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.

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