

FG Elite Series (Food Grade)

Synthetic air compressor lubricant



Your benefits at a glance

- Provides extended lubricant life
- Reduces deposit and sludge formation
- Superior protection against rust, wear and corrosion

Your requirements - our solution

Summit FG Elite Series lubricants are specially designed for rotary screw, vane, reciprocating air compressors and vacuum pumps used in the food service industry. These lubricants use 100% multisynthetic base oils in combination with performance driven additives to offer extended lubricant life. Field tests have shown these lubricants will last between 8,000 and 10,000 hours depending on operating conditions. In addition, this innovative chemistry offers increased solvency, which significantly reduces deposit and sludge formation. FG Elite Series lubricants offer superior protection against rust, wear and corrosion.

Summit FG Elite Series lubricants meet USDA 1998 (H1) guidelines (lubricants with incidental food contact) and are manufactured in an

ISO 21469 certified facility. FG Elite Series lubricants have the same software compatibility as Summit SH® Series lubricants.

Application

FG Elite-32 is designed for use in air compressors or vacuum pump applications requiring an ISO-32 lubricant.

FG Elite-46 & FG Elite-68 are designed for air compressor and vacuum pump applications requiring an ISO-46 or ISO-68 lubricant.

FG Elite-100 is designed for use in air compressors and vacuum pump applications requiring an ISO-100 lubricant.

FG Elite-150 is designed for general lubrication and air compressors requiring an ISO-150 lubricant.

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 Elite-46	FG Elite-68	FG Elite-100	FG Elite-150
Article number	340327	340328	340329	340330
Demulsifying capacity	40/40/0 (10) (min)	40/40/0 (10) (min)	40/40/0 (10) (min)	40/40/0 (10) (min)
Density	0.85 g/cm ³	0.854 g/cm ³	0.853 g/cm ³	0.861 g/cm ³
Flash point	230 °C	245 °C	250 °C	262 °C
Kinematic viscosity, 100°C	7.5 mm ² /s	10.1 mm ² /s	14.0 mm ² /s	18.5 mm ² /s
Kinematic viscosity, 40°C	45.5 mm ² /s	67.1 mm ² /s	103 mm ² /s	148 mm ² /s
Viscosity index	130	136	137	140
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree
Steel corrosion	passed	passed	passed	passed
Pour point	-40 °C	-41 °C	-42 °C	-46 °C
Four-ball tester: wear characteristics	0.4 mm	0.4 mm	0.4 mm	0.4 mm

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Characteristics	FG Elite-46	FG Elite-68	FG Elite-100	FG Elite-150
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

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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