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# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

## SYNTHETIC AIR COMPRESSOR

### FG ELITE SERIES (FOOD GRADE)

*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.

### Physical Properties

PRODUCTS	32	46	68	100	150
ISO Viscosity Grade	32	46	68	100	150
Viscosity					
@ 40°C, cSt	33.0	45.5	67.1	103.0	148.0
@ 100°C, cSt	5.9	7.5	10.1	14.0	18.5
Viscosity Index	124	130	136	137	140
Flash Point, °F (°C)	460(238)	505(263)	500(260)	510(266)	530(277)
Pour Point, °F (°C)	-74(-59)	-40(-40)	-42(-41)	-44(-42)	-51(-46)
4-Ball Wear (mm scar)	0.4	0.4	0.4	0.4	0.4
Water Separation (ml oil/ml water/ml emulsion)	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)
Rust	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	1A	1A	1A	1A	1A
NSF Registered	H1	H1	H1	H1	H1
ISO 21469	Yes	Yes	Yes	Yes	Yes
Kosher Approved	Yes	Yes	Yes	Yes	Yes
Halal Certified	Yes	Yes	Yes	Yes	Yes

**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.

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.