FES SH Synthetic 68

FES 200023 5 gal · **FES 205623** 55 gal

Full synthetic PAO-based compressor lubricant



FES SH Synthetic 68 is a full synthetic alternative to many popular OEM PAO-based fluids. Designed to provide full duty-cycle protection with annual fluid change intervals, it represents one of the most commonly-used lubricant technologies in the industry.

FES SH Synthetic 68 delivers outstanding thermal stability, oxidation resistance, a low pour point, and high flash point while protecting compressors against corrosion, rust, and wear.

AVAILABLE SIZES

5 Gallon	**FES 200023**
55 Gallon	**FES 205623**

KEY BENEFITS

- Improved fluid life
- Reduced maintenance
- Extended equipment life
- Corrosion protection

SERVICE NOTES

Typical operating life
8,000 Hours at 200°F

Compatible fluids
PAO, POE, Diesters and Synthetic Hydrocarbons

Water separation
Readily Separates from Water

Resistance to foaming
High Resistance

Typical property	Test method	Typical value
Color	Visual	**Colorless**
Clarity	Visual	**Clear**
ISO Viscosity Grade	ISO 3448	**68**
Viscosity @ 40°C (cSt)	ASTM D445	**69.4**
Viscosity @ 100°C (cSt)	ASTM D445	**9.4**
Viscosity Index	ASTM D2270	**113**
Pour Point °C (°F)	ASTM D5950	**-20 (-4)**
Density @ 15°C (g/cm^3)	ASTM D4052	**0.860**
Flash Point °C (°F)	ASTM D92	**254 (489)**
Fire Point °C (°F)	ASTM D92	**279 (534)**
Neutralization Number (mg KOH/g)	ASTM D974	**0.3**
Rust Prevention (24 h)	ASTM D665B	**Pass**
Copper Strip Corrosion	ASTM D130	**1a**
Foam Tendency / Stability	ASTM D892	**0/0, 0/0, 0/0**
Water Separation @ 54°C	ASTM D1401	**40/40/0**
Water Separation @ 82°C	ASTM D1401	**-**

Values shown are typical of current production and are not a specification. Future production will conform to the manufacturer's specification, but individual batches may vary. Confirm suitability for your application with your compressor manufacturer or an application specialist.

REPLACES

OEM

205623 – SH Synthetic (55 Gallons) (ISO 68)
Aftermarket Providers
Ingersoll Rand: 42377176
ISEL 2015-68
Kaeser S-680
Mobil Rarus SHC 1026
Rotorcomp: #7(OIL)
Royal Purple Synfilm GT 68
Summit sh-68
Ultrachem Chemlube 268

AFTERMARKET

Citgo: PAO68
Conoco: SYNCON68
CPI: CP-4601-68
Lubrication Engineers: 9068