FES Extended Life POE 46

FES 201423 5 gal · **FES 201323** 55 gal · **FES 201523** 1.3 gal

Synthetic ester-based compressor fluid for rotary screw compressors



FES Extended Life POE 46 is an extended-life synthetic ester-based compressor fluid engineered to deliver exceptional performance in high-temperature and high-humidity operating environments.

Its advanced formulation provides outstanding oxidation resistance, superior corrosion protection, and varnish-free operation, helping maximize fluid life, improve energy efficiency, and ensure long-term compressor reliability.

AVAILABLE SIZES

5 Gallon	**FES 201423**
55 Gallon	**FES 201323**
1.3 Gallon (5 L)	**FES 201523**

KEY BENEFITS

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

SERVICE NOTES

Typical operating life
12,000 Hours at 200°F

Compatible fluids
PAO, PAG, 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	**46**
Viscosity @ 40°C (cSt)	ASTM D445	**45.7**
Viscosity @ 100°C (cSt)	ASTM D445	**6.8**
Viscosity Index	ASTM D2270	**102**
Pour Point °C (°F)	ASTM D5950	**-23 (-9)**
Density @ 15°C (g/cm^3)	ASTM D4052	**0.897**
Flash Point °C (°F)	ASTM D92	**243 (470)**
Fire Point °C (°F)	ASTM D92	**275 (528)**
Neutralization Number (mg KOH/g)	ASTM D974	**0.2**
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

CompAir CompLube 8000HT
Gardner Denver Aeon 9000TH: 28H286, 28H270
Quincy QuinSyn Plus: 144046, 1627456172, 144046-005, 2013100356
Sullivan-Palatek Pal-EXTRA 44: 00066-001, 00066-055

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AFTERMARKET

Anderol BDC 46
CPI CPI-4201-46
Summit Ultima 46
Synflo Ultima 7.1
Ultrachem Chemlube Plus 10