FES Semi Synthetic 46

FES 200823 5 gal · **FES 200723** 55 gal · **FES 200923** 1.3 gal

Partial-synthetic hydrocarbon-based compressor lubricant



FES Semi Synthetic 46 is a partial-synthetic hydrocarbon-based compressor lubricant designed for rotary screw compressors.

This entry-level product delivers improved fluid life over standard R&O petroleum-based products and as a result reduces maintenance requirements.

AVAILABLE SIZES

5 Gallon	**FES 200823**
55 Gallon	**FES 200723**
1.3 Gallon (5 L)	**FES 200923**

KEY BENEFITS

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

SERVICE NOTES

Typical operating life
4,000 Hours at 200°F

Compatible fluids
PAO's, POE's, 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	**45.8**
Viscosity @ 100°C (cSt)	ASTM D445	**6.8**
Viscosity Index	ASTM D2270	**105**
Pour Point °C (°F)	ASTM D5950	**-17 (1.4)**
Density @ 15°C (g/cm^3)	ASTM D4052	**0.864**
Flash Point °C (°F)	ASTM D92	**240 (464)**
Fire Point °C (°F)	ASTM D92	**257 (495)**
Neutralization Number (mg KOH/g)	ASTM D974	**0.1**
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

Atlas Copco: 1310-2550-10, 1310-2550-12, 1310-2550-14, 1630-0918-00, 1630-0919-00 (+1 more)
Campbell Hausfeld: VP000800AJ
Chicago Pneumatic ScrewGuard Rotair: 6215714100
CompAir: SSL 50, 204-1584-55
CompLube 2000SP
FS-Curtis: V0413
Gardner Denver Aeon 2000: 28G36, 28G37
Gardner Denver: AEON 4000, 28H166, 28H36, 28H389, 28H57
Grimmer Schmidt: 105-61869
Ingersoll Rand: 36899714, SL-200
Kaeser M-460: M-460-55
LeRoi SSL-38
Quincy: 141140-055, 1627456964, 2013100306
Rotorcomp: 4000H
Sullair HPL1500: 02250207-067, 02250207-068

AFTERMARKET

American Synthol: A4000C-05
ISEL 6045-46
Mobil Rarus 425
Royal Purple Parafilm 46
SAP 2000-46
Summit TM-15
Ultrachem P-ACO 46