



Synthetic Compressor

Full Synthetic



Features & Benefits

- 100% Synthetic (PAO)
- High viscosity index
- Excellent water Demulsibility
- Excellent oxidation stability
- Compatible with commonly used seal materials

Synthetic Compressor is manufactured from the highest quality polyalphaolefin (PAO) base-stocks and advanced additive technology.

Synthetic Compressor is recommended for rotary screw, centrifugal, and reciprocating compressors, offering many advantages over petroleum-based lubricants as well as some synthetics, especially where compatibility is an important concern.

Synthetic Compressor has a low pour point, high viscosity index, and excellent water demulsibility.

Synthetic Compressor is recommended for use in the following applications:

- Centrifugal compressors (ISO 46)
- Rotary screw compressors (ISO 46)
- Rotary screw and vane compressors (ISO 68)
- Reciprocating and rotary vane compressors (ISO 100)
- Ball and roller bearings
- Low and high-temperature lubrication
- General lubrication for applications requiring an ISO 46, 68, or 100 lubricant

Typical Results

Test Method	ISO 46	ISO 68	ISO 100
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	43.6 7.4	65.1 9.7	93.4 13.1
VISCOSITY INDEX (D2270)	135	131	139
DENSITY (D4502) @15°C (kg/L)	0.85	0.86	0.86
DEMULSIFYING CAPACITY (D1401) @ 54°C mL (mins)	40/40/0 (10)	40/40/0 (20)	40/40/0 (15)
FOAM TEST (D892) (mL/mL) SEQ I @ 24°C SEQ II @ 93.5°C SEQ III @24°C	nil/0 10/0 10/0	nil/0 10/0 10/0	nil/0 10/0 10/0
POUR POINT (°C) (D97)	-39	-42	-42
FLASH POINT (°C) (D93)	242	234	234

Sizes & Order Codes

Size	ISO 46	ISO 68	ISO 100
18.9 L/5 US Gal	F0123640	F0123740	F0123840
205L/ 54.2 US Gal	F0123650	F0123750	F0123850



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