

MANUTEC COMPRESSOR SYN-HC 46

Product Code: COMP011 | **Revision:** 20250813



Synthetic PAO lubricant for rotary screw compressors.

Available Pack Sizes

20L

205L

Applications

Blended from the finest wax free polyalphaolefins and high performance additive technology for extended 8000hrs service intervals. A high viscosity index allows the oil to withstand higher temperatures and exhibit excellent pumpability at low temperatures allowing equipment to operate efficiency and reduce operational costs.

Recommended by Aztec Oils as suitable for the following applications

ANFOR NF E 48-603
BS 489
Cincinnati P55
Dennison HF-0
DIN 51354 Stage 11
DIN 51506 VD-L
DIN 51524 Part III
DP 6521 DPA/DPB/DPG/DPH

Benefits

- Demulsifying to ensure rapid water separation.
- Excellent anti-wear characteristics.
- Exceptional low temperature performance.
- Extended lubricant life compared to mineral based products.
- Good anti-foam and air release properties.
- Superior oxidation resistance & outstanding corrosion protection to provide a long service life.

Typical Test Data

Appearance		Clear & bright, straw
Copper Corrosion	ASTM D130 A&B	Pass
Density @ 15°C (kg/m ³)	ASTM D4052	0.827
Demulsibility	ASTM D1401	40-40-0
Flash Point (°C)	ASTM D92	>200
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	46
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	8.4
Oxidation	ASTM D943	8000hrs
Pour Point (°C)	ASTM D97	-55
Viscosity Index	ASTM D2207	161

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

Health, Safety & Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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