



PRODUCT DATA SHEET

SYNX-C46

SYNX-C46 is a premium fully synthetic blend of PAO and ester base stocks and an advanced ashless additive. SYNX-C46 is intended to improve system efficiency by suppressing foaming, releasing trapped air and rapidly separating out condensed water. SYNX-C46 satisfies the lubrication requirements of various compressors, vacuum pumps and blowers. The exceptional oxidative and thermal stability of SYNX-C46 inhibits sludge and deposit formation keeping critical components clean, reducing oil disposal costs, and increasing productivity.

PRODUCT BENEFITS:

- Exceptional resistance to thermal degradation resulting in extended drain intervals
- Low volatility resulting in less oil carry over
- Superior hydrolytic stability and demulsibility characteristics
- Excellent cold temperature pumpability
- Excellent operating temperature reduction
- Superior oxidative stability
- Compatible with all types of seals and coatings
- Reduced system maintenance, downtime and power consumption

APPLICATIONS

- Flooded rotary vane and rotary air compressors
- Screw type and reciprocating air compressors
- Direct and belt driven rotary vane and piston pumps
- Hydraulic applications where extended drain intervals are required

TYPICAL PROPERTIES

Density @ 15°C ATSM D4052	0.84
Viscosity @ 40°C (cSt) ATSM D445	41.4 – 50.6
Viscosity @ 100°C (cSt) ASTM D445	7.2 – 8.2
Viscosity Index ASTM D2270	153
Pour Point (°C)	-42 (Max)
Closed Flash Point (°C)	260
Copper Strip Corrosion	1B
Appearance	Clear & Bright

PERFORMANCE SPECIFICATIONS:

DIN: 51506 VDL
ISO: 6743-3A DAJ
ABB: Turbochargers
ATLAS COPCO: Screw Compressors

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