



GUARDSMAN (SYNCOM) SYNTHETIC FM AIR COMPRESSOR OIL

Product Description:

GUARDSMAN SYNTHETIC FM AIR COMPRESSOR OIL (Syncom) is a fully synthetic, PAO based, H-1 certified rotary screw air compressor oil formulated from synthesised hydrocarbon base oils and selected additives to minimize wear, inhibit rust, resist oxidation and minimize foam. Available in three ISO viscosity grades to meet the specifications of all major builders of rotary screw air compressors. This product offers extended drains, significantly reduced wear and greatly reduced deposits compared to mineral oils in this demanding service. Superior thermal stability and exceptional oxidation stability allows them to operate without coking or corrosion.

Typical uses:

- All rotary screw compressors requiring ISO VG 46 lubricants.
- Vane-type air compressors
- Rotary screw air compressors in food processing plants requiring H-1 lubricants.
- Complies with NSF/FDA Section 12 CFR 178.3620(b) and 21 CFR 172.878.

Features:

- Superior thermal and oxidation stability to minimize deposits
- Extended drain intervals.
- High viscosity index minimises consumption.
- Significantly reduced component wear.
- Excellent rust and corrosion prevention.
- Miscible with conventional mineral oils.
- Reduces energy consumption.
- Certified Kosher and Pareve for Passover.
- MPI Approved C 15 (All animal product except dairy).
- NSF H-1 certified.

Typical Properties

| GRADE, ISO | 46 |
|---------------------|-------|
| Gravity, API | 39.2 |
| Pour Point, °C Max. | <-40 |
| Flash Point °C | 264 |
| Viscosity: | |
| cSt @ 40°C. | 45.80 |
| cSt @ 100°C. USP | 7.65 |
| Viscosity Index | 135 |

Values shown here are typical and may vary