

FM Synthetic Compressor Oil

ISO 32, 46, 68, 100 & 150

Previously known as SFG Compressor Oil

Description

FoodMaster (FM) Synthetic Compressor Fluids are made from Polyalphaolefins (PAO) and additives packages that have been NSF H-1 registered, where incidental food contact can occur. SFG Compressor Oil is specifically recommended for use in rotary compressors where the NSF H-1 may be necessary.

Applications

The product range has been designed for Rotary Screw Compressors, ISO 32,46 and 68, as well as Piston Compressors, ISO 100 and 150. The ISO 100 and 150 are also suitable for rotary Vane Compressors. Always consult with the manufacturers recommendation for the correct Viscosity grade.

Certifications

Kosher Australia

- ISO 32 K-ID: DZN-CMDW
- ISO 46 K-ID: KFF-JDTJ
- ISO 68 K-ID: HHB-VHDH
- ISO 100 K-ID: GNN-RBHK
- ISO 150 K-ID: NMV-ZXKR

SICHMA Halal

- Certificate number: 00562305ASL1/1K

NSF H-1

- ISO 32 Reg #: 145933
- ISO 46 Reg #:132400
- ISO 68 Reg #: 132399
- ISO 100 Reg #: 145934
- ISO 150 Reg #: 145935

New Zealand Food Safety

- C 15 Approval for all grades

Features & Benefits

- The oil in a compressor operates at high temperatures (in the vicinity of 100°C) for long periods. It must possess high resistance to oxidation
- Air always contains moisture. The oil must resist emulsification with the water.
- Where high metal pressures are encountered, the oil must protect against scuffing and wear.
- The continuing trend towards higher Compressor system pressures is accompanied by a reduction in pump and equipment sizes. Some modern Compressor system pressures can exceed 7MPa.
- Compressor oil must, therefore, lubricate, seal and cool the working components under increasing pressure, turbulence and temperature.
- Anglomoil SFG Compressor oils are blended from synthetic PAO's and additives which provide a high viscosity index, a low pour point, low foaming and chemical stability under a wide range of operating conditions.

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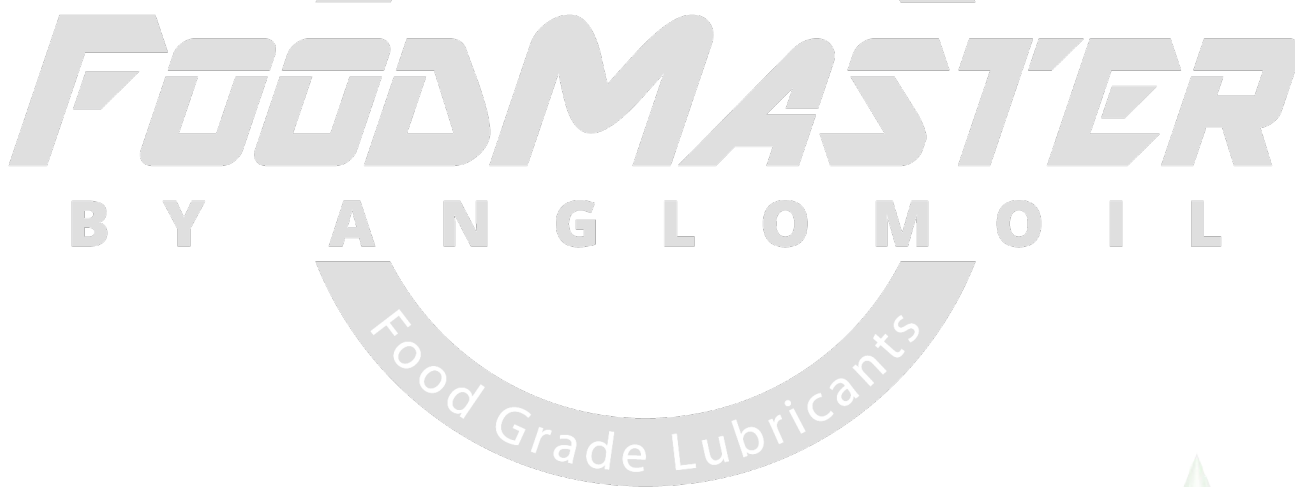
Specifications

| Properties | Method | Results – ISO Grades | | | | |
|------------------------|------------|----------------------|------|-------|-------|-------|
| | | 32 | 46 | 68 | 100 | 150 |
| Specific Gravity @20°C | ASTM D792 | 0.83 | 0.83 | 0.854 | 0.854 | 0.853 |
| Viscosity @40°C (cSt) | ASTM D445 | 31 | 46 | 94.5 | 94.5 | 150.5 |
| Viscosity @100°C (cSt) | ASTM D445 | 5.7 | 7.7 | 12.5 | 12.5 | 17.2 |
| Viscosity Index | ASTM D2270 | 142 | 144 | 127.7 | 127.7 | 124.5 |
| Flash Point (°C) | ASTM D92 | 240 | 250 | 250 | 250 | 250 |
| Pour Point (°C) | ASTM D97 | -55 | -55 | -45 | -45 | -45 |

Additional Information

- Meets or exceeds the requirements of FDA 21 CFR 178.3570, ISO-L-HV (according to ISO 6743-4 and HLP (to DIN 51524-2).
- Supports manufacturers requirements for HACCP and GMP programmes.

Technical Data Sheet



Master Item# 2416, 2417, 2418, 2413 & 2415
 Pack Size Availability: 20L, 200L, 1000L = IBC

Last Updated: 19th July 2023