



FM Synthetic Hydraulic Oil

ISO 32, 46, 68, 100 & 150

Previously known as SFG Hydraulic Oil

Description

FoodMaster (FM) Synthetic Hydraulic Oils are premium-performance lubricants made from Polyalphaolefin (PAO) base stocks and proprietary additive blends. The FoodMaster range has been NSF H-1 registered and is specifically recommended where incidental food contact may occur.

Applications

- Hydraulic systems used in canning and bottling general machinery.

Certifications

Kosher Australia

- ISO 32 K-ID: TDX-CWSZ
- ISO 46 K-ID: VDR-BGDS
- ISO 68 K-ID: HMT-VCVL
- ISO 100 K-ID: PQM-HVWW
- ISO 150 K-ID: SZX-CZZX

SICHMA Halal

- Certificate number: 00562305ASL1/1K

NSF H-1

- ISO 32 Reg #: 131821
- ISO 46 Reg #: 131820
- ISO 68 Reg #: 131819
- ISO 100 Reg #: 145940
- ISO 150 Reg #: 145941

New Zealand Food Safety

- C 15 Approval for all grades

Features & Benefits

- FM Synthetic Hydraulic oils are resistant to the effects of air entrainment thanks to their exceptional antifoam and air release properties. This prevents cavitation and micro dieseling experienced in hydraulic pumps, increasing their longevity.
- These oils have been designed to readily separate from water, reducing the chance for bacterial growth in hydraulic reservoirs. The proprietary additive package has also been designed to prevent corrosion of metal surfaces.
- FM Synthetic Hydraulic Oils possess high resistance to oxidation thanks to their combination of fully synthetic base oils and advanced antioxidant additives. As the power density of hydraulic packs continues to increase, this helps the hydraulic fluid to withstand higher temperatures and pressures.
- Synthetic Hydraulic Oils all exhibit excellent low-traction frictional performance, reducing energy consumption in your plant.



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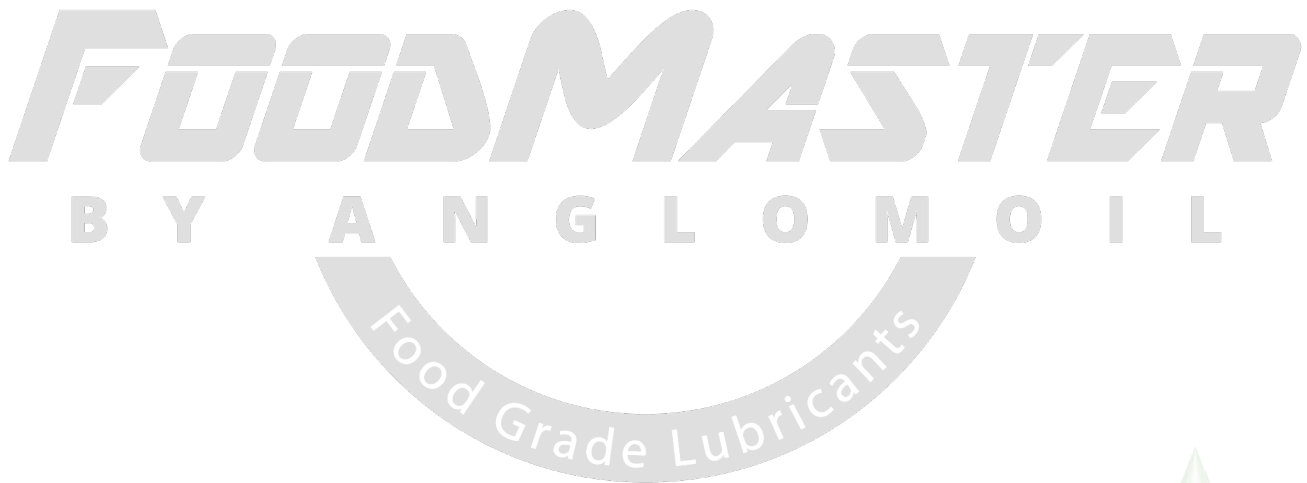
Specifications

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

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# 2457, 2459, 2461, 2455
Pack Size Availability: 20L, 200L, 1000L = IBC

Last Updated: 19th July 2023

Sydney | Melbourne | Newcastle | New Zealand | Vietnam
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