

FM WO Gear Oil

ISO 100 & 220

Description

FoodMaster (FM) White Oil (WO) Gear Oils are made from paraffinic white oils and special additive packages and are NFS H-1 listed for use where incidental food contact can occur.

Applications

- Gear sets
- Bearings
- Circulating oil systems

Certifications

Kosher Australia

- ISO 100 K-ID: MJZ-GDRQ
- ISO 68 K-ID: TMX-MWKV

SICHMA Halal

- Certificate #: 00562305ASL1/1k

NSF H-1

- ISO 220 Reg #: 14594

Features & Benefits

- Good service life
- Longer life with fewer oil changes
- Extended equipment life
- Reduced energy costs
- Good high and low temperature operations
- Good oxidative stability

Specifications

Properties	Method	Result – ISO Grades	
		100	220
Specific Gravity 20°C	ASTM D4052	0.876	0.881
Viscosity @ 40°C	ASTM D445	100	220
Viscosity @ 100°C	ASTM D445	11.7	19.7
Viscosity Index	ASTM D2270	105	102



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Further Specifications of an ISO 220 FM WO Gear Oil

Properties	Method	Results
Four Ball Test 1hr/150 N 1hr/300 N	DIN 51530 Part 3	Scar Diameter 0.35mm 0.38mm
FZG Test Damage Load Stage	DIN 51354 Part 2	12
Corrosion Test (Steel)	ASTM D665 A+B	No Corrosion
Copper Corrosion 3hr/100C 24hr/100C	ASTM D130	1a 1a-1b

Technical Data Sheet



Master Item# 2479 & 2481
Pack Size Availability: 20L

Last Updated: 19th July 2023

Sydney | Melbourne | Newcastle | New Zealand | Vietnam
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