

VICKERLUBE FG GEAR OIL SERIES



PART NUMBER

15926 (ISO 220)

15197 (ISO 320)

15239 (ISO 460)

DESCRIPTION

VICKERLUBE FG GEAR OILS are a high-performance blend of food grade pharmaceutical white oils formulated with the latest additive technology, giving outstanding extreme pressure properties and wear resistance. They are registered to H1 for incidental food contact for use in gearboxes and applications in and around food, beverage and pharmaceutical processing and production areas. VICKERLUBE FG GEAR OIL 460 is suited to low speed high load applications such as worm and wheel gearboxes.

APPLICATIONS

VICKERLUBE FG GEAR OILS are designed for gearboxes and gear systems in the food and clean industries operating at wide temperature ranges. The lubricants have high resistance to wear and load. The additive package gives enhanced corrosion protection properties and supports manufacturers requirements for HACCP and GMP programmes. Applications include: -

- All Gearbox types
- Gears for conveyors
- Agitators, mixers and fillers
- Extruders
- High loaded oil lubricated bearings

CERTIFICATION

VICKERLUBE FG GEAR OILS are NSF H1 Registered for incidental food contact, Halal Certified, Kosher Certified, manufactured to ISO 9001:2015 and ISO 21469 and meets the requirements of FDA 21 CFR 178.3570.

NSF Registration (ISO 220) - 161650

NSF Registration (ISO 320) - 161651

NSF Registration (ISO 460) - 161652

FEATURES AND BENEFITS

- | | |
|-------------------------------------|---|
| • H1 Registered | Safe to use where incidental food contact may occur |
| • Excellent water resistance | Extends bearing, gears and gearbox life |
| • Good air release properties | Enhanced lubricity and elongates component life |
| • Excellent wear protection | Elongates gears and bearing life |
| • Oxidation and corrosion inhibited | Increases oil life & protects gearbox against corrosion |

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Certified to the ISO 9001
Quality Standard and the
ISO 14001 Environmental
Management Standard



FM 01851 EMS 40717

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METHOD OF APPLICATION

VICKERLUBE FG GEAR OILS can be poured directly from the container, or if using a drum, please ensure clean equipment is used to transfer product to the gearbox.

TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FG GEAR OIL	TEST METHOD	220	320	460
Appearance	Visual	---Clear Yellow Fluid---		
Viscosity at 40°C (cSt)	ASTM D445	220	320	460
Viscosity at 100°C (cSt)	ASTM D445	19	26	32
Viscosity Index	ASTM D2270	107	110	106
Density at 15°C (g/cm ³)	ASTM D1298	0.88	0.88	0.88
Pour Point (°C)	ASTM D97	-9	-12	-12
Flash Point - COC (°C)	ASTM D92	250	248	264
Copper Strip Corrosion 3h @ 100°C	ASTM D130	1a	1a	1a
Demulsibility (minutes)	ASTM D1401	<30	<30	<30
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.37	0.39	0.47
FZG Load Carrying, A/8, 3/90 (FLS)	DIN 51354-2	13	13	13
FE8 D7,5/80-80	DIN 51819-3			
roller bearing mass loss (mg)		11	11	11
cage wear (mg)		205	205	205
Temperature Range °C	-	-5°C to + 140°C		
Shelf Life	-	5 years in original sealed containers whilst stored out of direct sunlight		



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