

VICKERLUBE FGS GEAR OIL SERIES



PART NUMBER

15311 (ISO 150)
15428 (ISO 220)
15544 (ISO 320)
15626 (ISO 460)

DESCRIPTION

VICKERLUBE FGS GEAR OILS are high-performance PAO synthetic oils. They are formulated with the latest additive technology giving outstanding extreme pressure properties and load carrying, along with an outstanding wide operating temperature range. 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 FGS GEAR OIL 460 is suited to low-speed, high-load applications such as worm and wheel gearboxes.

APPLICATIONS

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

Applications include: -

- All Gearbox types
- High and Low temperature applications (Freezers and Ovens)
- Gears for conveyors
- Agitators, mixers, and fillers
- Extruders
- High loaded oil lubricated bearings

CERTIFICATION

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

NSF Registration (ISO 150) - 161653

NSF Registration (ISO 220) - 161348

NSF Registration (ISO 320) - 161767

NSF Registration (ISO 460) - 161768

FEATURES AND BENEFITS

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|-------------------------------------|---|
| • H1 Registered | Safe to use where incidental food contact may occur |
| • Excellent water resistance | Extends bearing, gears and gearbox life |
| • Wide operating temperature | Extends life at temperature extremes |
| • Excellent shear stability | Elongates lubricant 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 FGS 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 FGS GEAR OIL	TEST METHOD	150	220	320	460
Appearance	Visual	---Clear Yellow Fluid---			
Viscosity at 40°C (cSt)	ASTM D445	150	220	320	460
Viscosity at 100°C (cSt)	ASTM D445	21.9	30.1	40.0	55.5
Viscosity Index	ASTM D2270	170	175	179	186
Density at 15°C (g/cm ³)	ASTM D1298	0.847	0.847	0.854	0.854
Pour Point (°C)	ASTM D97	-35	-34	-20	-24
Flash Point (°C)	ASTM D92	247	254	268	272
Copper Strip Corrosion 3h @ 100°C	ASTM D130	1a	1a	1a	1a
Demulsibility (minutes)	ASTM D1401	15	15	20	25
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.43	0.35	0.34	0.31
Temperature Range (°C)	-	-25 to 160	-25 to 160	-5 to 160	-10 to 160
Shelf Life	-	5 years in original sealed containers whilst stored out of direct sunlight			



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