Trusted for Generations

H.S.T.N: 27101987
REF: MKT.PDS.91
REV: 6

VICKERLUBE FG GEAR OIL SERIES



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 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

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.

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 extended component life
• Excellent wear protection	Elongates gears and bearing life
• Oxidation and corrosion inhibited	Increases oil life & protects gearbox against corrosion

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.

BENJN R. VICKERS & SONS LTD.

Registered Office
6 Clarence Road, Leeds,
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Registered in England
Company No. 00130013

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

bsi ISO 9001 Quality Management Systems CERTIFIED ISO 14001 Environmental Management CERTIFIED
FM 01851 EMS 40717

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Food Grade
NSF
ISO 21469 Certified

TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FG GEAR OIL	TEST METHOD	220	320	460
Appearance	Visual		---Clear & Bright---	
Viscosity at 40°C (cSt)	ASTM D445	220	320	460
Viscosity at 100°C (cSt)	ASTM D445	23	29	42
Viscosity Index	ASTM D2270	127	135	144
Density at 15°C (g/cm^3)	ASTM D1298	0.87	0.87	0.87
Pour Point (°C)	ASTM D97	-18	-30	-24
Flash Point (°C)	ASTM D92	>225	>225	>225
Copper Strip Corrosion 3h @ 100°C	ASTM D130	1a	1a	1a
Demulsibility (minutes)	ASTM D1401	<15	<15	<20
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.33	0.33	0.33
FZG Load Carrying, A/8, 3/90 (FLS)	DIN 51354-2	14	14	14
Temperature Range (°C)	-		-5°C to + 160°C	
Shelf Life	-		5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight	

Vickers Oils, its officers, employees and agents assume no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with Vickers Oils for the provision of this information or advice and in that case responsibility or liability is exclusively on the terms and conditions set out in that contract. Products should only be used for the applications specified. The supplier cannot accept responsibility if they are used in any other applications.

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