Trusted for Generations

H.S.T.N: 27101983 00
REF: MKT.PDS.88
REV: 12

VICKERLUBE FG FLUID SERIES



DESCRIPTION

VICKERLUBE FG FLUIDS are a high-performance blend of food grade white oils fortified with the latest additive technology giving outstanding wear resistance and EP properties required for modern hydraulic and circulating systems. They are registered to H1 for incidental food contact for use in applications in and around food, beverage and pharmaceutical processing and production areas.

APPLICATIONS

VICKERLUBE FG FLUIDS are designed for hydraulic and circulating systems in the food and clean industries operating at wide temperature ranges. The lubricants have high resistance to wear and load normally experienced in hydraulic systems. The additive package gives enhanced corrosion protection properties and supports manufacturers requirements for HACCP and GMP programmes.

Applications include: -

- All hydraulic systems
- Low loaded oil lubricated bearings
- Valve Lubrication
- General purpose oil lubrication
- Variable speed drives requiring low viscosity oils
- Process machinery (Bottling and Canning)
- Pneumatic tools and air line systems (ISO 22 and 32)

METHOD OF APPLICATION

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

FEATURES AND BENEFITS

• NSF H1 Registered	Safe to use where incidental food contact may occur
• Excellent water resistance	Maintains lubricating film in wet conditions, maximising equipment longevity
• Excellent air release properties	Minimises foam and ensures consistent lubrication performance
• Advanced anti-wear protection	Reduces component wear and extends service intervals
• Oxidation and corrosion stability	Increases oil life while protecting metal surfaces from degradation
• ISO 21469 Certified	Verifies compliance with product formulation, manufacturing and packaging requirements

CERTIFICATION

VICKERLUBE FG FLUIDS are NSF H1 Registered for incidental food contact, ISO 21469 certified, Halal certified, Kosher certified, manufactured to ISO 9001:2015 and meet the requirements of FDA 21 CFR 178.3570.
VICKERLUBE FG FLUIDS meet or exceed the requirements of ISO-L-HV (according to ISO 6743-4) and HLP (to DIN 51524-2).

BENJN R. VICKERS & SONS LTD.

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Follow us on

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

FM 01851 EMS 40717

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TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FG FLUID	TEST METHOD	15	22	32
Appearance	Visual		--- Clear ---	
Viscosity at 40°C (cSt)	ASTM D7042	15	22	32
Viscosity at 100°C (cSt)	ASTM D7042	4	4	6
Viscosity Index	ASTM D2270	115	118	119
Density at 15°C (g/cm^3)	ASTM D4052	0.84	0.85	0.85
Pour Point (°C)	ASTM D7346	-48	-48	-42
Flash Point (°C)	ASTM D92	>160	>165	>190
Copper Strip Corrosion	ASTM D130	1b	1b	1b
Demulsibility	ASTM D1401	Pass	Pass	Pass
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.41	0.41	0.42
FZG Scuffing (FLS)	ISO 14635-1	-	-	11
Temperature Range (°C)	-	-30 to +140	-25 to +140	-25 to +140
Shelf Life	-	5 years in original sealed containers whilst stored out of direct sunlight from the date of manufacture		

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TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FG FLUID	TEST METHOD	46	68	100
Appearance	Visual		--- Clear ---	
Viscosity at 40°C (cSt)	ASTM D7042	46	68	100
Viscosity at 100°C (cSt)	ASTM D2270	7	9	11
Viscosity Index	ASTM D4052	113	108	100
Density (g/cm^3)	ASTM D7346	0.86	0.87	0.87
Pour Point (°C)	ASTM D92	-33	-30	-27
Flash Point (°C)	ASTM D130	>205	>215	>225
Copper Strip Corrosion	ASTM D1401	1b	1b	1b
Demulsibility	ASTM D4172	Pass	Pass	Pass
4 Ball Wear Scar Diameter (mm)	ISO 14635-1	0.32	0.35	0.38
FZG Scuffing (FLS)	ASTM D7042	11	11	11
Temperature Range (°C)	-	-20 to +140	-15 to +140	-15 to +140
Shelf Life	-	5 years in original sealed containers whilst stored out of direct sunlight from the date of manufacture		

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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