

# VICKERLUBE FGS FLUID SERIES



## PART NUMBER

20754 (ISO 15)

20155 (ISO 32)

20264 (ISO 46)

20358 (ISO 68)

## DESCRIPTION

VICKERLUBE FGS FLUIDS are high-performance PAO synthetic oils fortified with the latest additive technology giving outstanding oxidation stability, extreme pressure properties and load carrying along with an extreme operating temperature resistance for modern hydraulic and circulating systems. They are registered to H1 for incidental food contact for use in hydraulic and circulating systems in and around food, beverage and pharmaceutical processing and production areas.

## APPLICATIONS

VICKERLUBE FGS FLUIDS are designed for hydraulic and circulating systems in the food and clean industries operating at extreme temperature ranges and high loads. 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
- Extreme temperature hydraulic systems
- Low loaded oil lubricated bearings
- Extreme low temperature gearboxes (Spiral Freezers)
- Valve Lubrication
- General purpose oil lubrication
- Variable speed drives requiring low viscosity oils
- Process machinery (Bottling and Canning)

## CERTIFICATION

VICKERLUBE FGS FLUIDS 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. VICKERLUBE FGS FLUIDS meet or exceed the requirements of ISO-L-HS (according to ISO 6743-4) and HVLP (to DIN 51524-3)

NSF Registration (ISO 15) – 162911

NSF Registration (ISO 46) – 161769

NSF Registration (ISO 32) – 161349

NSF Registration (ISO 68) – 161350

## FEATURES AND BENEFITS

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• H1 Registered</li><li>• Extreme temperature resistance</li><li>• Excellent water resistance</li><li>• Good air release properties</li><li>• Excellent wear protection</li><li>• Oxidation and corrosion inhibited</li></ul> | <ul style="list-style-type: none"><li>• Safe to use where incidental food contact may occur</li><li>• Extended lubrication intervals</li><li>• Extends component life</li><li>• Enhanced lubricity and elongates component life</li><li>• Elongates spool valve and component life</li><li>• Increases oil life &amp; protects system against corrosion</li></ul> |
|---|---|

### BENJ<sup>N</sup> R. VICKERS & SONS LTD.

#### Registered Office

6 Clarence Road, Leeds,  
LS10 1ND, United Kingdom

#### Registered in England

Company No. 00130013

Tel: +44 (0) 113 386 7654  
Web: [www.vickers-oil.com](http://www.vickers-oil.com)  
Email: [inbox@vickers-oil.com](mailto:inbox@vickers-oil.com)

Follow us on   

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



FM 01851 EMS 40717

# VICKERLUBE FGS FLUID SERIES



## METHOD OF APPLICATION

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

## TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FGS FLUID	TEST METHOD	15	32	46	68
Appearance	Visual	Clear			
Viscosity at 40°C (cSt)	ASTM D7042	15	32	46	68
Viscosity at 100°C (cSt)	ASTM D7042	4	6	8	11
Viscosity Index	ASTM D2270	110	140	152	152
Density at 15°C (g/cm <sup>3</sup> )	ASTM D1298	0.83	0.84	0.84	0.84
Pour Point (°C)	ASTM D97	-48	-48	-48	-45
Flash Point (°C)	ASTM D92	216	242	258	257
Copper Strip Corrosion 3h @ 100°C	ASTM D130	1a	1a	1a	1a
Demulsibility (minutes)	ASTM D1401	10	<10	<15	<15
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.39	0.38	0.34	0.35
FZG Scuffing A/8.3/90 (FLS)	DIN 51534-2	-	11	11	11
Temperature Range (°C)	-	-35 to +160			
Shelf Life	-	5 years 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. These products should only be used for the applications specified. The supplier cannot accept responsibility if it is used in any other applications.

### BENJ<sup>n</sup> R. VICKERS & SONS LTD.

**Registered Office**  
6 Clarence Road, Leeds,  
LS10 1ND, United Kingdom

**Registered in England**  
Company No. 00130013

**Tel:** +44 (0) 113 386 7654  
**Web:** [www.vickers-oil.com](http://www.vickers-oil.com)  
**Email:** [inbox@vickers-oil.com](mailto:inbox@vickers-oil.com)

Follow us on 

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



FM 01851 EMS 40717