

# Food Grade Gear Oils



Trusted for Generations

For the Bakery, Meat & Poultry,  
Pharmaceutical, Beverage & Brewery  
and Packaging Industries



# We stand for:



Customer First Approach



Technical Leadership



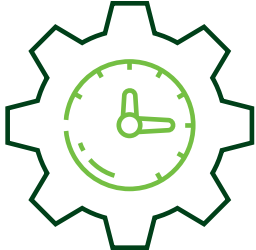
Quality Products



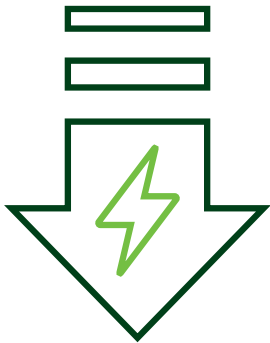
Expensive Part Protection



Increased Machine Efficiency



Minimised Downtime



Energy Savings



Cost Savings

# Why choose VICKERLUBE FG?

## Dedicated Manufacturing Facility

Having a dedicated Food Grade lubricant manufacturing facility can offer:

- 1) Enhanced Safety and Compliance
- 2) Rigorous quality control processes
- 3) Efficient manufacturing processes
- 4) Innovation and development of new and improved lubricants
- 5) Increased customer confidence



## Certified Quality

Our products are NSF H1 registered for incidental food contact, NSF 3H registered for direct food contact and NSF ISO 21469 registered ensuring the highest safety standards.

## Allergen-Free Assurance

Compliant with EU regulation No. 1169/2011, Annex II, and FDA 21 CFR, our lubricants contain no allergenic food ingredients or animal derivatives.



## Commitment to Sustainability

Our Research and Development team in Leeds is dedicated to developing sustainable and cost-effective solutions. To explore our Environmental, Social and Governance (ESG) initiatives and learn more about our commitment to sustainability, read our sustainability report.



## VICKERLUBE Centre

This tailored storage solution helps you to keep your VICKERLUBE FG products safely stored ensuring audit compliance with a lockable cage for aerosols.



## Site Audits

Our Technical experts will conduct a site audit and generate a report using the Vickers Oils audit scoring system. They will then identify key areas of improvement and recommend the best solutions including products, ongoing technical support and training.

## Innovative Lubrication Management

The Vickers Oils InSite Lubrication Management app revolutionises lubrication management by ensuring your equipment is always lubricated with the right product at the right time. This web-based app provides real-time access to all necessary documentation, enhancing efficiency and compliance during audits.



## Comprehensive Documentation

Access all necessary certifications and documentation, including PDS, SDS, Halal, and Kosher certificates, through our compliance manuals, website or Vickers InSite lubrication management app.



# Food Grade Registrations and Certifications

Vickers Oils Food Grade Lubricants and Greases are manufactured according to ISO 9001;2015 and ISO 21469 standards, are Halal and Kosher certified and NSF H1, 3H and ISO 21469 registered. They contain no allergenic food ingredients in compliance with EU regulation No. 1169/2011, Annex II and are PFAS free.



### NSF

VICKERLUBE FG products are NSF H1 & 3H registered. This means that our lubricants are safe for incidental contact with food as well as for use on surfaces which can come in direct contact with food.



### NSF ISO 21469

Our dedicated Food Grade manufacturing facility is certified in accordance with the international standard NSF ISO 21469.

This standard determines the hygienic requirements for the formulation, manufacturing and storage of lubricants that may have incidental or direct contact with food products, thereby assuring that our products meet the highest safety standards.



PFAS  
FREE

### PFAS

Vickers Oils continue to set the standard in the lubricant industry by taking a proactive approach with PFAS free formulations for the VICKERLUBE FG range, reinforcing our commitment towards sustainability.



### Halal and Kosher

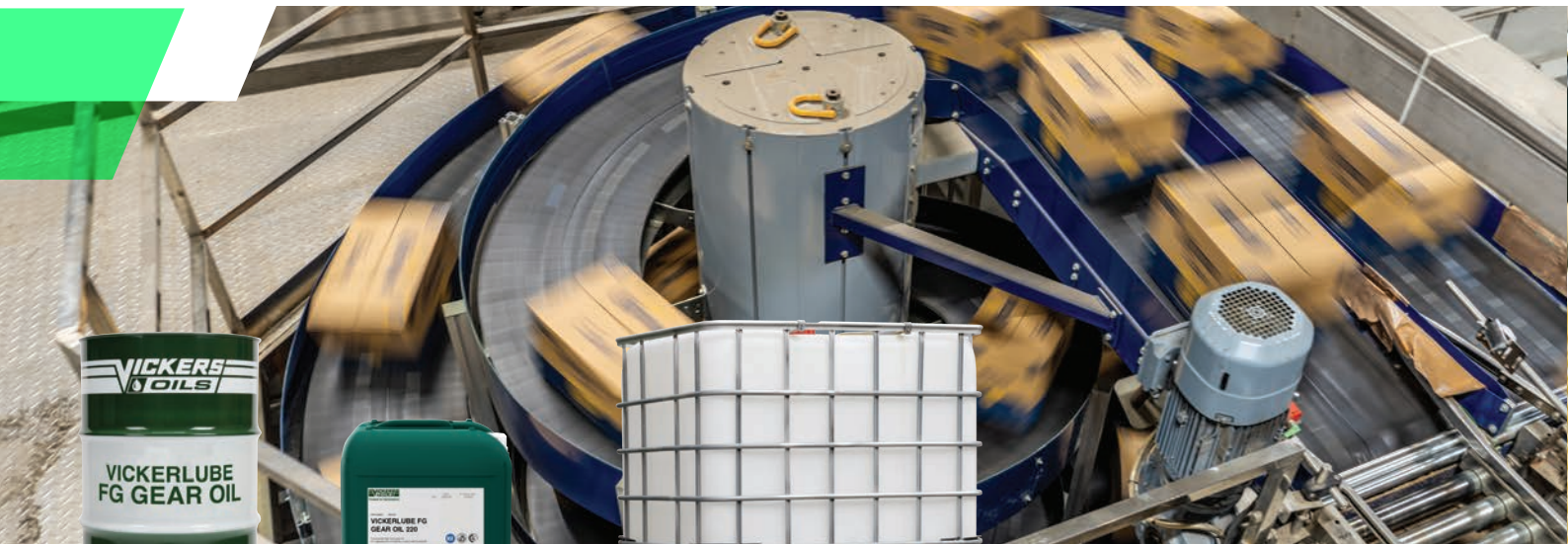
VICKERLUBE FG lubricants are Halal and Kosher certified meeting the stringent requirements of both Jewish and Muslim laws. These certifications ensure the highest standards of product and food safety.



### Allergens

Compliant with EU regulation No. 1169/2011, Annex II, and FDA 21 CFR, VICKERLUBE FG lubricants contain no allergenic food ingredients or animal derivatives, making them safe for all food processing applications.





208L

20L

1000L

# VICKERLUBE FG GEAR OIL Series

Food Grade High Load  
ISO 220, 320 and 460 Gear Oils

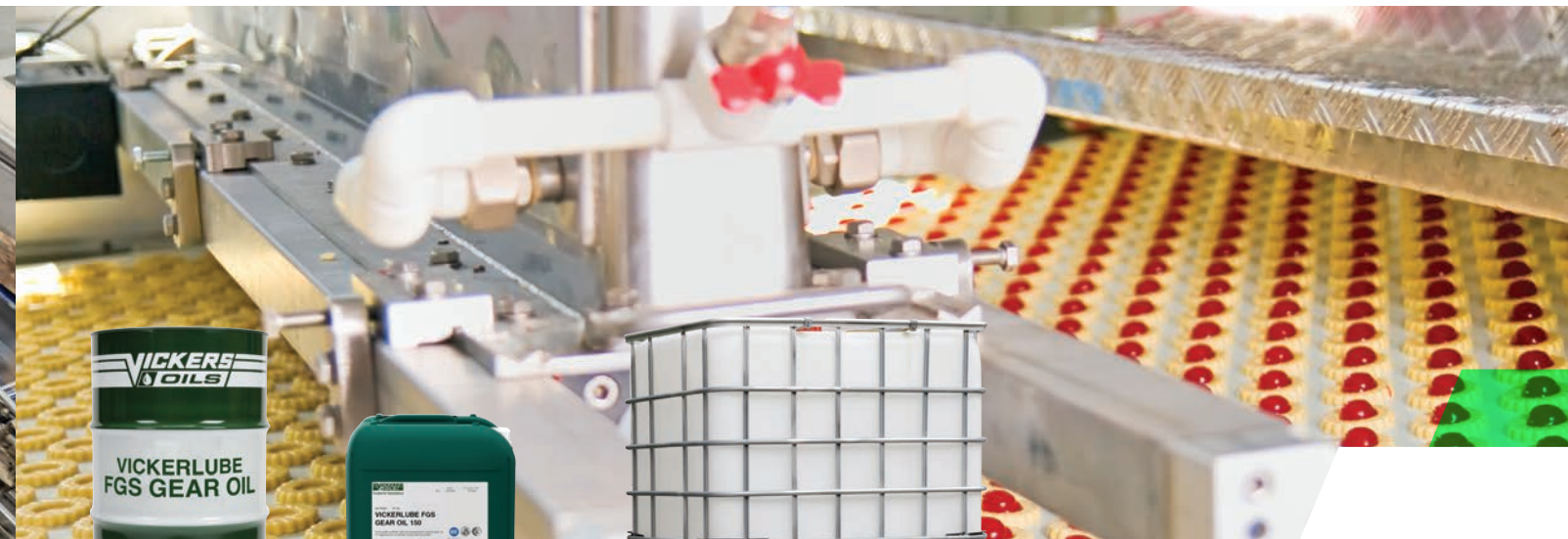


The VICKERLUBE FG GEAR OIL series are high performance food grade gear oils with outstanding extreme pressure properties and wear resistance. They are registered to H1 for incidental food contact for use in gearboxes and applications in and around food, beverage and pharmaceutical processing and production areas.

## Applications include:

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

FEATURE	BENEFIT
Excellent water resistance	Extends bearing, gears and gearbox life
Good air release properties	Enhanced lubricity and elongated component life
Oxidation and corrosion inhibited	Increases oil life and protects gearbox against corrosion
Excellent wear protection	Elongates gears and bearing life



208L

20L

1000L

# VICKERLUBE FGS GEAR OIL Series

Food Grade Synthetic High Load  
Temperature Resistant ISO 150, 220,  
320, 460 and 680 Gear Oils



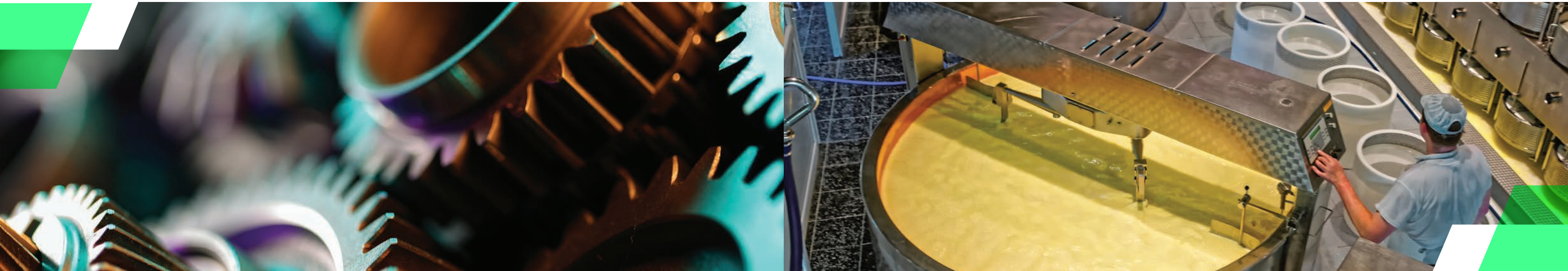
The VICKERLUBE FGS GEAR OIL series are high performance, synthetic gear oils with outstanding extreme pressure properties and a wide operating temperature range. They are registered to H1 for incidental food contact for use in gearboxes and applications in and around food, beverage and pharmaceutical processing and production areas.

## 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

FEATURE	BENEFIT
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





Choosing the correct Food Grade Gear Oil

Characteristics	VICKERLUBE FG GEAR OIL 220	VICKERLUBE FG GEAR OIL 320	VICKERLUBE FG GEAR OIL 460	VICKERLUBE FGS GEAR OIL 150	VICKERLUBE FGS GEAR OIL 220	VICKERLUBE FGS GEAR OIL 320	VICKERLUBE FGS GEAR OIL 460	VICKERLUBE FGS GEAR OIL 680
Appearance	Clear Yellow Fluid	Clear Yellow Fluid	Clear Yellow Fluid	Clear	Clear	Clear	Clear	Clear
Viscosity at 40°C (cSt)	220	320	460	150	220	320	460	680
Viscosity at 100°C (cSt)	19	26	32	21	26	36	48	62
Viscosity Index	107	110	106	156	158	160	160	160
Density at 15°C (g/cm³)	0.88	0.88	0.88	0.85	0.85	0.85	0.85	0.85
Flash Point (°C)	250	248	264	>220	>220	>220	>220	>220
Pour Point (°C)	-9	-12	-12	-45	-42	-42	-39	-33
Copper Strip Corrosion 3h @100°C	1a	1a	1a	1B Max	1B Max	1B Max	1B Max	1B Max
Demulsibility (minutes)	<30	<30	<30	Pass	Pass	Pass	Pass	Pass
4 Ball Weld Scar Diameter (mm)	0.37	0.39	0.47	0.33	0.33	0.33	0.33	0.33
FZG Load Carrying, A/8, 3/90 (FLS)	13	13	13	>12	>12	>12	>12	>12
FE8 D7,5/80-80 roller bearing mass los (mg) cage wear (mg)	11 205	11 205	11 205	–	–	–	–	–
Temperature Range (°C)	-5 to 140	-5 to 140	-5 to 140	-35 to 160	-35 to 160	-35 to 160	-35 to 160	-20 to 160
Shelf Life	5 years in original sealed containers whilst stored out of direct sunlight	5 years in original sealed containers whilst stored out of direct sunlight	5 years in original sealed containers whilst stored out of direct sunlight	5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight	5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight	5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight	5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight	5 years from the date of manufacture, in original sealed containers whilst stored out of direct sunlight
208L Drum	 15926-208	15197-208	15239-208	15311-208	15428-208	15544-208	15626-208	15788-208
20L Pail	 15926-020	15197-020	15239-020	15311-020	15428-208	15544-020	15626-020	15788-020
1000L IBC	 15926-001	15197-001	15239-001	15311-001	15428-001	15544-001	15626-001	15788-001



# Site Audits by Vickers Oils

Vickers Oils Site Audits are a great way to understand and gain deeper insight into the health of your on-site machinery. Our technical experts will visit your site and use the Vickers Oils Audit Scoring System to give you a score for:

- Storage and handling of lubrication products
- Product selection and controls
- Leakage control and reclamation
- Training
- Preventative maintenance
- Predictive maintenance
- Contamination control
- Management and Purchasing
- HSSE and Compliance
- Disposal

All of our findings are broken down and fed back to you in your own personalised lubrication audit report. Each category is rated with a traffic light system making it simple to understand the improvement points. Our engineers then suggest the best options moving forward ranging from product and service recommendations to lubrication storage and handling solutions.

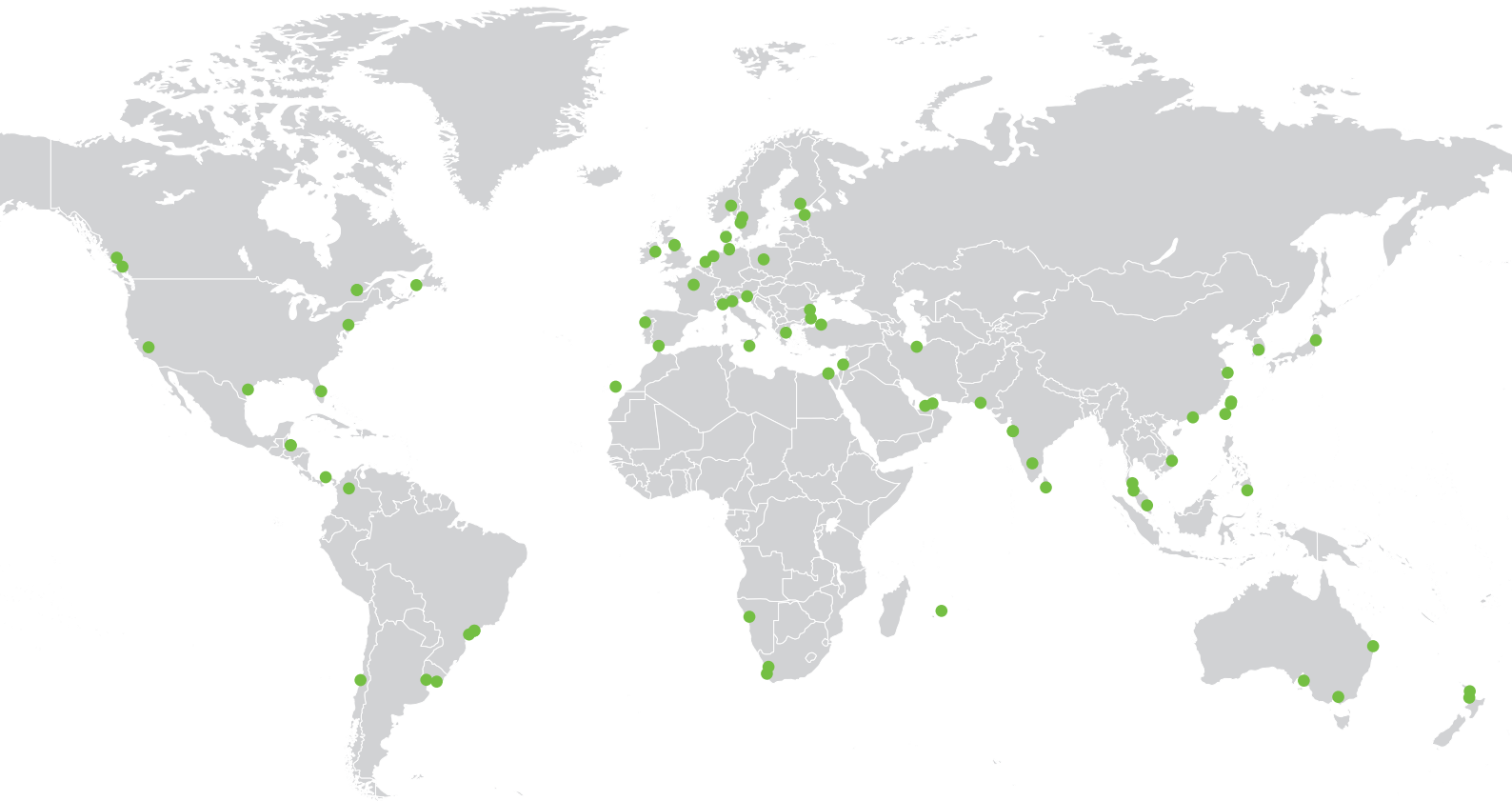


For more information about the VICKERLUBE FG range including Product Data Sheets, scan the QR code to visit our website.





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Scan the QR code and use our product selector to see the complete food grade range



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



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