

Food Grade Hydraulic and Compressor Fluids

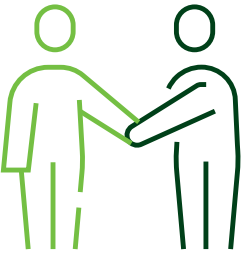


Trusted for Generations

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



We stand for:



Customer First
Approach



Technical
Leadership



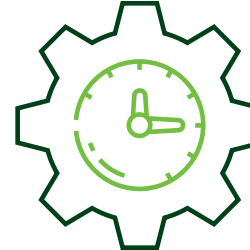
Quality
Products



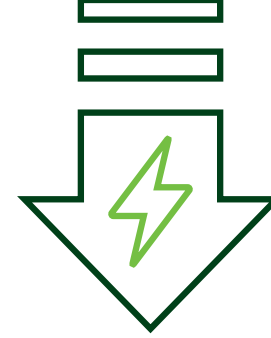
Expensive Part
Protection



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

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.



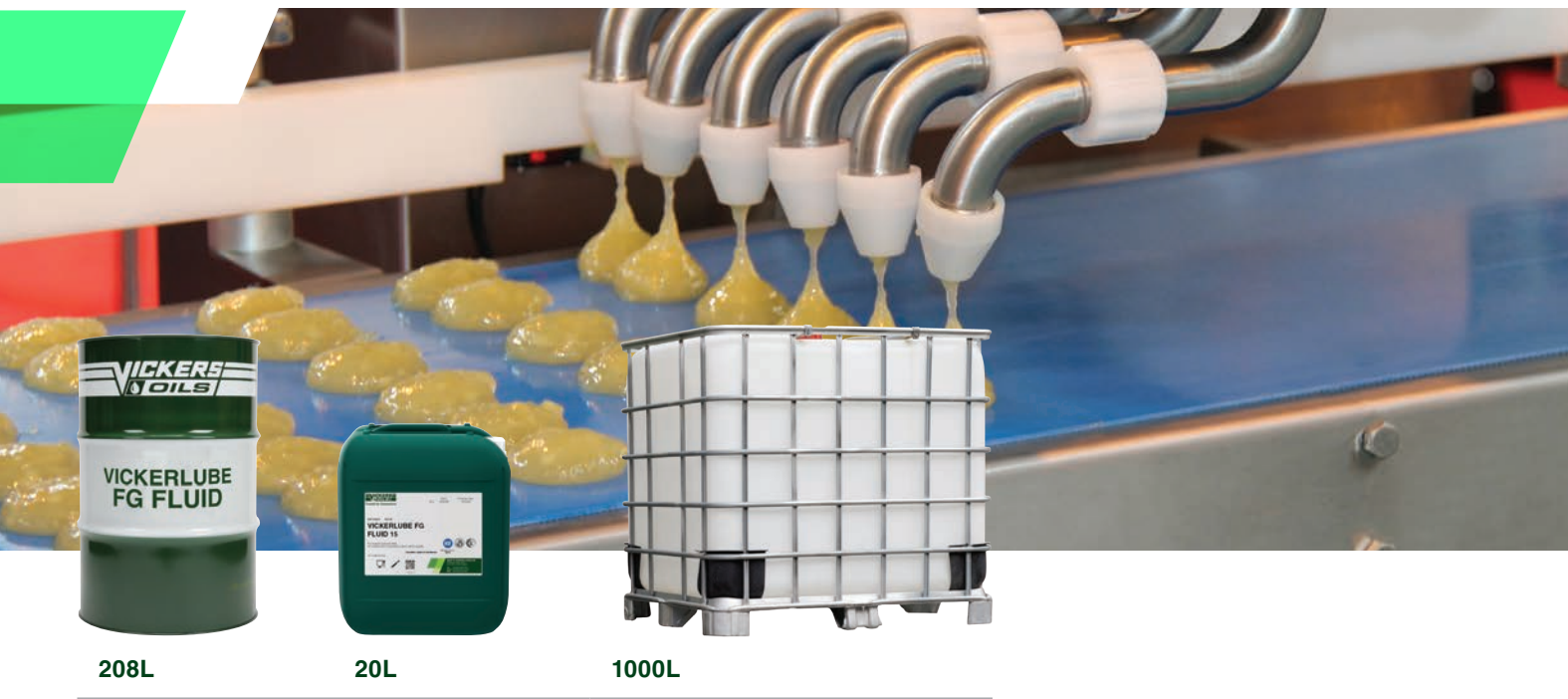
Halal and Kosher

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 FLUID Series

Food Grade ISO 15, 22, 32,
46, 68 and 100 Hydraulic Fluid



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)
- ISO 22 and 32 - Pneumatic tools and air line systems

The VICKERLUBE FG FLUID series are high performance food grade hydraulic oils with outstanding wear resistance and extreme pressure properties required for modern hydraulic and circulating systems. They are H1 registered for incidental food contact for use in gearboxes and applications in and around food, beverage and pharmaceutical processing and production areas.

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



208L

20L

1000L

VICKERLUBE FGS FLUID Series

Food Grade Synthetic ISO 15, 22,
32, 46, 68 and 100 Hydraulic and
Compressor Fluid



Applications include:




- Circulating systems
- Compressors
- Gear Boxes
- Vacuum Pumps
- Extreme temperature hydraulic systems
- Bearings
- Extreme low temperature gearboxes
- Valve Lubrication
- General purpose oil lubrication
- Process machinery (Bottling and Canning)

The VICKERLUBE FGS FLUID series are high performance synthetic food grade hydraulic and compressor oils with outstanding oxidation stability, extreme pressure properties and load carrying along with an extreme operating temperature resistance for modern hydraulic and circulating systems. It is H1 registered for incidental food contact for use in gearboxes and applications in and around food, beverage and pharmaceutical processing and production areas. VICKERLUBE FGS FLUID 32 to 100 exceed the requirements of DIN 51506 VD-L.

FEATURE	BENEFIT
Extreme temperature resistance	Extended lubrication intervals
Excellent water separation properties	Prolonged component life
Good air release properties	Enhanced lubricity and elongates component life



Choosing the correct Food Grade Hydraulic Fluid or Compressor Fluid

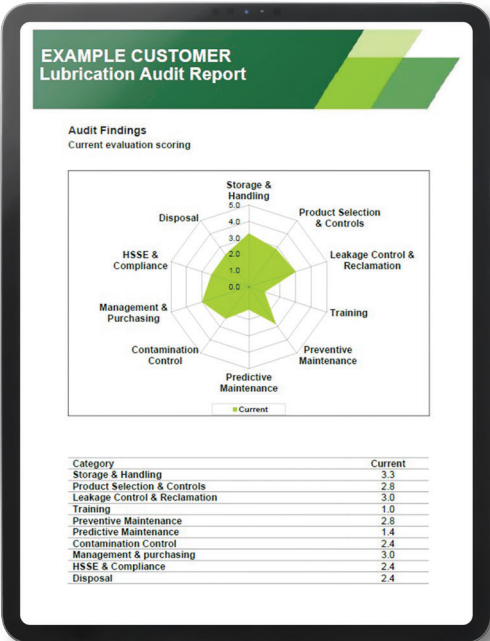
Characteristics	VICKERLUBE FG FLUID 15	VICKERLUBE FG FLUID 22	VICKERLUBE FG FLUID 32	VICKERLUBE FG FLUID 46	VICKERLUBE FG FLUID 68	VICKERLUBE FG FLUID 100	VICKERLUBE FGS FLUID 15	VICKERLUBE FGS FLUID 22	VICKERLUBE FGS FLUID 32	VICKERLUBE FGS FLUID 46	VICKERLUBE FGS FLUID 68	VICKERLUBE FGS FLUID 100
Appearance	Clear	Clear	Clear	Clear	Clear	Clear	Clear and bright	Clear and bright	Clear and bright	Clear and bright	Clear and bright	Clear and bright
Viscosity at 40°C (cSt)	15	22	32	46	68	100	15	22	32	46	68	100
Viscosity at 100°C (cSt)	4	4	6	7	9	11	4	5	6	8	11	15
Viscosity Index	118	118	119	113	108	100	129	133	139	147	154	154
Density at 15°C (g/cm³)	0.84	0.85	0.85	0.86	0.87	0.87	0.82	0.82	0.83	0.83	0.83	0.85
Flash Point (°C)	>160	>165	>190	>205	>215	>225	>175	>200	>230	>230	>230	>220
Pour Point (°C)	-48	-48	-42	-33	-30	-27	-78	-72	-69	-66	-60	-45
Copper Strip Corrosion 3h @100°C	1b	1b	1b	1b	1b	1b	1b	1b	1b	1b	1b	1b
Demulsibility (minutes)	<15	<15	<15	<15	<15	<15	<10	<10	<10	<10	<10	<10
4 Ball Weld Scar Diameter (mm)	0.41	0.41	0.42	0.32	0.35	0.38	0.45	0.45	0.45	0.33	0.33	0.33
FZG Scuffing a/8.3/90 (FLS)	–	–	11	11	11	11	–	–	12	12	12	12
Temperature Range (°C)	-30 to 140	-25 to 140	-25 to 140	-5 to 140	-5 to 140	-5 to 140	-50 to 160	-50 to 160	-50 to 160	-50 to 160	-50 to 160	-35 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 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 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 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
208L Drum	 20473-208	20592-208	20738-208	20846-208	20934-208	20346-208	20754-208	20456-208	20155-208	20264-208	20358-208	20194-208
20L Pail	 20473-020	20592-020	20738-020	20846-020	20934-020	20346-208	20754-020	20456-020	20155-020	20264-020	20358-020	20194-020
1000L IBC	 20473-001	20592-001	20738-001	20846-001	20934-001	20346-001	20754-001	20456-001	20155-001	20264-001	20358-001	20194-001

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.

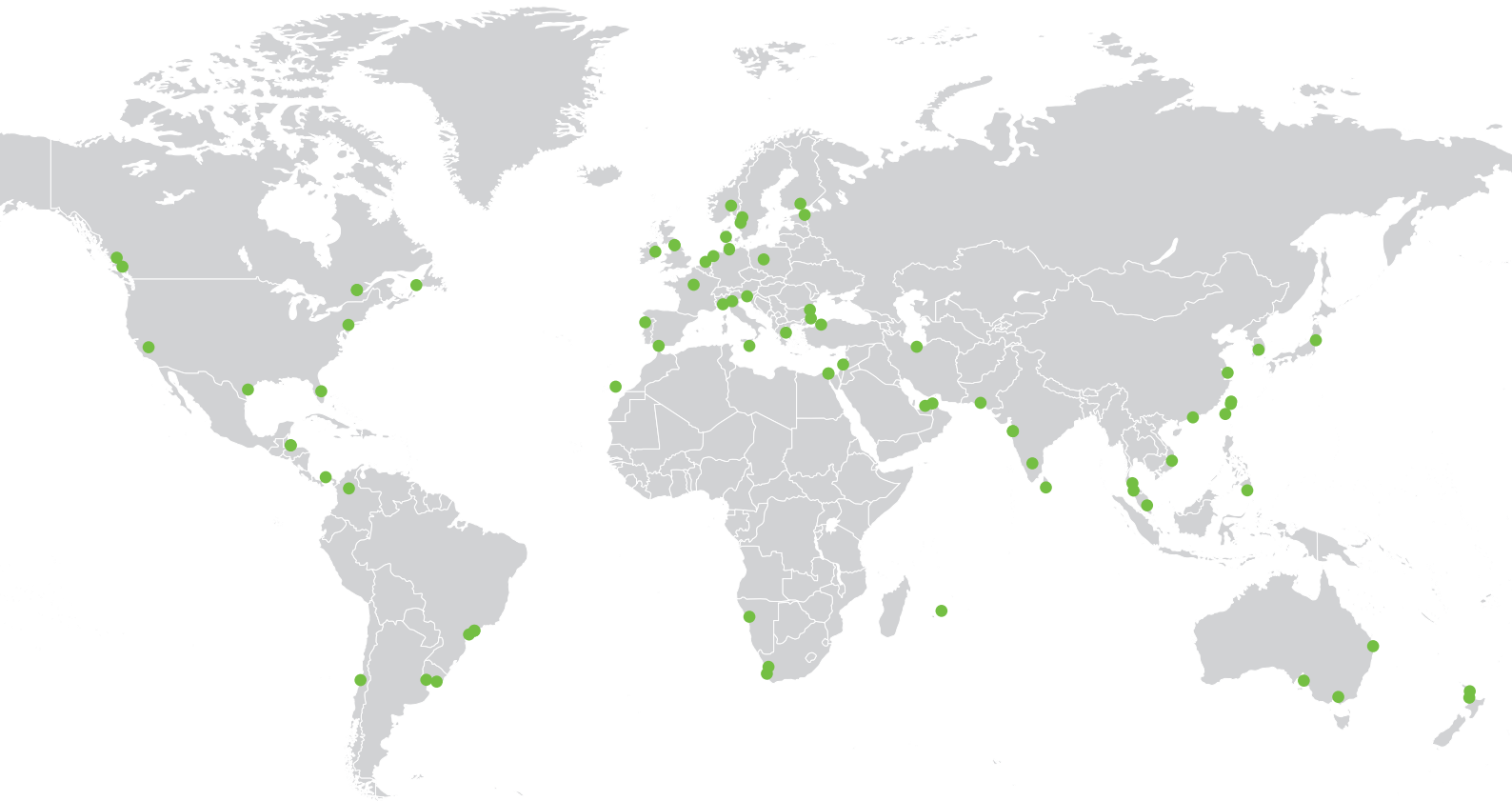


For more information about the VICKERLUBE FG range including Product Data Sheets, scan the QR code to visit our website.





Trusted for Generations



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



FM 01851 EMS 40717