

# VICKERLUBE FGS LT GREASE 1



## DESCRIPTION

VICKERLUBE FGS LT GREASE 1 is a low temperature, high speed, synthetic oil based, aluminium complex thickened, food grade grease. The product has a low viscosity base oil, making it ideal for low temperature grease applications and high-speed bearings. It is registered to H1 for incidental food contact for use in and around food, beverage and pharmaceutical processing and production areas.

## APPLICATIONS

It is designed for use on equipment and machinery in the food and clean industries operating at low temperatures where water and humidity are present. The grease has high resistance to wear, corrosion and oxidation and excels in high speed bearings. It is ideal for applications such as freezers and chillers in the wider food and pharmaceutical industries.

Applications include: -

- Roller and ball bearings operating in low temperatures
- High Speed bearings
- Slides and guides
- Chiller and freezer grease points and bearings
- Low Temperature NLGI 1 Grease Applications

## CERTIFICATION

VICKERLUBE FGS LT GREASE 1 is H1 Registered for incidental food contact, Halal Certified, Kosher Certified, manufactured to ISO 9001:2015 and ISO 21469.

## FEATURES AND BENEFITS

- |                                     |   |
|-------------------------------------|---|
| • H1 Registered                     | Safe to use where incidental food contact may occur |
| • Aluminium Complex Thickener       | Excellent water resistance                          |
| • Low Base Oil Viscosity            | Reduced drag, ideal for high speed applications     |
| • Fully Synthetic                   | Significant lubricant life extension                |
| • Low water washout                 | Increased relubrication intervals                   |
| • Oxidation and corrosion inhibited | Increases life & protects parts against corrosion   |

## METHOD OF APPLICATION

VICKERLUBE FGS LT GREASE 1 can be applied manually, with a standard pressure grease gun (via cartridge), or via a central lubrication system designed for NLGI 1 greases.

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



# VICKERLUBE FGS LT GREASE 1



## TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FGS LT GREASE 1	TEST METHOD	RESULT
Appearance	Visual	Smooth White Grease
Thickener		Aluminium Complex
NLGI Grade	ASTM D217	NLGI 1
Base Oil		Synthetic Oils
Base Oil Viscosity at 40°C	ASTM D7152	42 cSt
Dropping Point	ASTM D2265	270°C
Oil Separation at 40°C	IP 121	<0.2%
Copper Corrosion	ASTM D4048	1b
Water Washout (38°C)	ASTM D1264	3.3
Water Washout (79°C)	ASTM D1264	5.8
4 Ball Wear Scar Diameter	ASTM D2266	0.8 mm
Temperature Range, continuous		-50°C to +120°C
Temperature Range, maximum peak		140°C
Shelf Life		3 years in original containers



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