



Aerolube Technologies



Technical Data Sheet

FluidTech LL 100 Extreme Pressure Fluid Grease with MoS₂ for Lubrication of Gears

Applications

- Use successfully for lubrication of closed gears operating under high stress and humid conditions

Benefits

- Extremely wide service temperature range of -30°C to +110°C
- Forms a solid lubricating film to provide emergency lubrication
- Prevents metal-to-metal contact and reduces friction and wear
- Withstands extremely high loads
- Offers protection against fretting corrosion
- Highly resistant to hot or cold water and water washout
- Very good adhesion to metal surfaces
- Extends relubrication intervals and cuts down lubricant consumption
- Combination of EP additives and solid film lubricants increase the load bearing capacity and provide emergency running in and boundary lubrication
- Offers good surface protection and corrosion inhibiting properties
- Makes working smoother and reduces operational noise
- Increases service life of the equipment
- Good resistance to oxidation
- Can be dispensed via centralized lubrication systems
- Out performs conventional lubricants

Directions for Use

Apply on all clean sliding surfaces by normal greasing methods. Do not mix with other oils or grease.

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Aerolube Technologies

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FluidTech LL 100 Extreme Pressure Fluid Grease with MoS₂ for Lubrication of Gears

TECHNICAL PROPERTY

PARAMETER	VALUE	METHOD
Type	Semi fluid grease	
Appearance	Smooth grease	
Color	Black	
Base oil	Mineral	
Thickener	Lithium soap	
Density, g/cc	0.85-0.95	
Penetration - worked, 60 max mm / 10	400-430	ASTM D 217
NLGI Class	00	ASTM D 1268
Drop point °C	+185	ASTM D 566
Service temperature range °C	-30 to +110	
Water resistance	1-90	DIN 51 807
Copper strip corrosion test	Nil	ASTM D 130
Oxidation resistance, pressure drop, bar	0.35	DIN 51 808
Four ball test, weld load, N	3300	DIN 51 350 pt.4

Available Packaging

1 Kg, 5 Kg, 20 Kg, 170 Kg

Shelf Life

36 months from date of manufacture in sealed condition.

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from Aerolube or your local Aerolube distributor.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended Stanvac product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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