

## LL 100 Grease

### Extreme pressure fluid grease with MoS<sub>2</sub> for lubrication of gears

#### Product description

Mineral oil, lithium soap, solid lubricants, EP additives

#### Features & 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

#### Applications

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

#### How to use

Use as supplied. Never mix with other greases or dilute with any oils. For optimum performance, clean the contact surface.

Use any ASV heavy duty industrial strength solvent based cleaner degreaser available in aerosol spray or bulk liquid pack.

When using a water based degreaser, ensure complete removal of any residues of the water based alkaline cleaning solution prior to applying grease.

Apply on clean, dry, degreased contact points using normal greasing methods such as brush, grease gun, spatula or automatic lubrication device. This grease can also be dispensed via centralized lubrication systems.

Follow instructions of the bearing or machine manufacturer as mentioned in the manual.

Relubrication intervals and amount are largely dependent on the working and service conditions. Relubricate in the same manner as recommended above.

Follow the industry rule of completely filling slow moving bearings having DN-value lesser than 50000. Normal moving bearings should be filled up to a third of their available free inner housing space.

Property	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

## General

Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

## 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.

Manufactured by:  
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## Disposal

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

## Limited warranty

Product manufactured is for industrial use only. 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 ASV 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.

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