



## Non staining high performance grease with solid lubricants

### *Applications*

- For all lubrication points in machinery used for processing food, beverages, cosmetics, dairy products, meat & poultry, pharmaceuticals, packaging and textiles.
- For all gears, chains, bushes, joints, pins, bearings, mechanical & precision instruments, domestic appliances, sliding surfaces and similar components where a dark lubricant cannot be used for reasons of contamination and transfer of lubricant on to processed component.

### *Benefits*

- Service temperature range of -30°C to +110°C
- Non staining and provides clean lubrication
- High load carrying ability
- Reduces wear and friction and prevents fretting corrosion
- Good oxidation stability
- Low evaporation rate and reduces lubricant consumption
- Increases service life of equipment
- Very good adhesion to metal surfaces
- Completely water resistant
- Protects surfaces from corrosion
- Suitable for applications where dark grease contamination cannot be tolerated

### *Directions for Use*

Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralized lubrication systems. Do not mix with other oils or grease.

## Technical Information

# LL 103

## Heavy Duty White EP Grease

### Technical Properties

Parameter	Value	Unit	Standard
Type	Grease with EP/AW additives and solid lubricants		
Appearance	Smooth grease		
Base oil	Mineral		
Base oil viscosity, @ 40 ° C	100-150	mm <sup>2</sup> /s	DIN 51 562
Thickener	Lithium		
Color <sup>1</sup>	White		
Penetration, worked	265-295	mm/10	ASTM 217
NLGI consistency	2	Class	DIN 51 818
Density, @ 25°C	0.85- 0.95	g/cm <sup>3</sup>	
Drop point	+ 185	°C	ASTM D 566
Service temperatures	-30 to +110 (+ 130 for short periods)	°C	
Oil separation, bleed, 24h at 100°C	< 3.5	%	IP 121
Four ball wear test, weld load	2400	N	DIN 51 350 pt.4
Four ball wear test, wear scar, 800N	1.5	mm	DIN 51 350 pt.5
DN value	450000	mm/min	

### Available Packaging

- 1 kg, 5 kg, 20 kg container

### 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).

### Disposal

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

### Shelf Life

36 months from date of manufacture in sealed condition

### 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 ASV or your local ASV 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 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.

### ASV MULTICHEMIE PRIVATE LIMITED

Registered Office: W 46, TTC Industrial Area, MIDC Rabale, Navi Mumbai-400 701, INDIA  
Tel: +91 (022) 2764 2514 | E-mail: info@asvmultichemie.com  
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