

## TBG 100

## GREASE

**Synthetic, white, highly adhesive non-staining, noise damping paste for providing increased service life**

### Product Description

ASV® TBG 100 paste is an NLGI 1 consistency pliable lubricant based on viscous synthetic oils and PTFE solid lubricants and is formulated especially for long term heavy duty lubrication as well as noise dampening of telescopic mobile crane booms; for lubrication of seals, stop cocks, gland packings of domestic and office equipment and food and beverage equipment where a dark lubricant cannot be tolerated.

ASV® TBG 100 is compatible with nonferrous-nonferrous, plastic-plastic, metal-plastic as well as metal-elastomeric pairings.

### Benefits

- Low as well as high service temperature range
- Excellent adhesion; resistant to hot and cold water washout, steam and mild chemicals
- Excellent resistance to oxidation and high degree of thermal stability
- Non-reactive to metal, plastic, elastomers and rubber
- Extremely low evaporation loss, non-melting and non-dripping
- Prevents stick slip

### Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. For optimal lubrication and adhesion, clean and degrease the surface of all previous residues, lubricants or contaminants with ASV® CS 50 or CS 81 heavy duty degreaser.

To ensure no entrapment of cleaning agent, blow dry with dry compressed air.

Apply by normal greasing methods of filling greases i.e. by brush or by suitable methods.

This grease is not compatible with other greases or conventional lubricants and should not be mixed with any other oils or grease. Replace cap after use.

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| TECHNICAL PROPERTY               |                                          |                    |            |
|----------------------------------|------------------------------------------|--------------------|------------|
| Parameter                        | Value                                    | Unit               | Standard   |
| Type                             | Synthetic grease with lubricating solids |                    |            |
| Appearance                       | Smooth buttery grease                    |                    | Visual     |
| Base oil                         | Synthetic ester                          |                    | In house   |
| Thickener                        | Inorganic                                |                    | In house   |
| Solid lubricants                 | PTFE                                     |                    | In house   |
| Color <sup>1</sup>               | White                                    |                    | Visual     |
| Base oil viscosity @ 40°C        | 2200                                     | mm <sup>2</sup> /s | ASTM D 445 |
| Base oil viscosity @ 100°C       | 180                                      | mm <sup>2</sup> /s | ASTM D 445 |
| Penetration, worked, lower limit | 310                                      | mm/10              | ASTM D 217 |
| Penetration, worked, upper limit | 340                                      | mm/10              | ASTM D 217 |
| NLGI Consistency                 | 1                                        | Class              | DIN 51 818 |
| Drop point                       | None                                     | °C                 | ASTM D 566 |
| Flash point                      | None                                     | °C                 |            |
| Service temperatures             | -40 to +150                              | °C                 |            |

1. Minor color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.

### 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.

### 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.

### Available Packaging

1 kg

### Shelf Life

36 months from date of manufacture in sealed condition.

### 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. Product manufactured is for industrial use only.

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