

## VEEDOL LONG LIFE PRO GREASE

High-Performance Lithium Based Grease

### Product Description:

Long Life Pro Grease is a high-quality, high-performance lithium-based grease designed for demanding heavy-duty automotive applications. It is formulated with a high-viscosity base oil, lithium thickener technology and a balanced combination of performance additives including anti-wear, corrosion-inhibiting and extreme pressure additives.

The formulation provides excellent mechanical stability, thermal stability, water resistance, corrosion protection, and extreme-pressure performance, helping to extend component life and reduce maintenance requirements.

Designed to provide long-lasting protection for up to 80,000 km\*.

### Performance Specifications:

Veedol Long Life Pro Grease meets & exceeds the performance requirements of:

- IS 12223:1999 (Reaffirmed 2014)

### Features & Benefits:

- **Excellent Mechanical Stability** helps maintain grease consistency and an effective lubricating film under prolonged mechanical stress.
- **High Thermal Stability** provides good resistance to temperature-related degradation under demanding operating conditions, including heavy braking.
- **Excellent Water Resistance** helps maintain grease performance and retention in the presence of water, contributing to longer component and bearing life.
- **Superior Corrosion Protection** helps protect metal surfaces against corrosion and rust during service.
- **Good Extreme-Pressure Performance** provides protection against wear under heavy loads and demanding operating conditions.



#### STORAGE

All packages should be stored under cover. It should not be exposed to direct sunlight, intense cold and extreme temperature fluctuations. Where outside storage is unavoidable, drums should be laid horizontally or properly covered to avoid the possible ingress of water and damage to drum markings.



#### HEALTH, SAFETY AND ENVIRONMENT

The information on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. If handled correctly, there are no special precautions suggested.

- **Long Service Performance** helps extend lubrication intervals and reduce maintenance requirements under suitable operating conditions.

#### Application:

- **Heavy-Duty Wheel Bearings:** Suitable for wheel bearing applications in passenger cars, buses, agricultural equipment, off-highway and on-highway commercial vehicles, including new-generation multi-axle trucks operating in long-haul applications.
- **Chassis & Suspension:** Suitable for suspension arm bushes, wheel hubs, axles and other chassis lubrication points.
- **Bearings, Bushes & Pins:** Suitable for the lubrication of anti-friction, roller, plain and needle bearings, bushes and pins operating under normal to moderately severe conditions.
- Operating temperature range -20°C to +140°C

#### Typical Properties:

| Test Parameters                      | Unit | ASTM Test Method | Typical Results |
|--------------------------------------|------|------------------|-----------------|
| NLGI Grade                           | -    | -                | 3               |
| Soap / Thickener type                | -    | -                | Lithium         |
| Colour                               | -    | Visual           | Red             |
| Worked Penetration @ 25°C, 60 Stroke | -    | D 217            | 238             |
| Drop Point                           | °C   | D 2265           | 188             |
| Four Ball Weld Load                  | Kg   | D 2596           | 250             |
| Four Ball Wear Scar                  | mm   | D 2266           | 0.44            |
| Copper Corrosion, 100°C, 4hrs        | -    | D 130            | Negative        |
| Base Oil Viscosity @ 40°C            | cSt  | D 445            | 220             |
| Life Performance Test                | hrs  | D 3527           | 120             |

*The typical properties listed above are within normal production tolerances and do not constitute a specification. Variations that do not affect product performance may occur during normal manufacturing and across different blending locations. The information contained herein is subject to change without prior notice.*

*\* Performance under standard test conditions*



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