# Arden EP 2 Pro Grease

Non-soap Grease with Solid Lubricants

## Product Description:

Veedol Arden EP 2 Pro grease is a premium quality non-melting inorganic clay-based grease containing high viscosity base oil, performance additives and solid lubricant.

The inorganic thickener makes this grease suitable for applications at extremely high temperatures. It has very good oxidation stability and good adhesive properties. Fortified with special additives Veedol Arden EP 2 Pro ensures protection against rust, corrosion, and wear. Also, the solid lubricant molybdenum disulfide ($MoS_2$) helps to withstand heavy and shock loads by providing continuous lubricating film.

## Features/Benefits:

- Super fine solid lubricant $MoS_2$ provides excellent protection against wear in case of accidental grease loss or overheating.
- Excellent high temperature resistance makes this grease suitable for high temperature applications.
- High load carrying capacity enables to withstand heavy and shock loads.
- Excellent oxidation resistance at high temperature helps reducing formation of harmful deposits.

## Application:

- Heavy duty, high temperature, slow moving industrial applications.
- Ideal for use in metal working autoclaves, kiln. Also suitable for underground mining equipment.
- Drying oven, conveyor bearings, hot-mix plant bearing lubrication.
- Hinges, chains, and pins operating under high temperature.
- Operating temperature range -10°C to +200°C.
- Can be used above 200°C with increased re-greasing interval. Re-greasing interval to be determined by the user.

## Typical Properties:

| Properties | Test method | Arden EP 2 Pro Grease |
|---|---|---|
| NLGI Grade | | 2 |
| Soap / Thickener type | | Non-Soap, Clay |
| Appearance | Visual | Smooth, buttery |
| Color | Visual | Dark Grey |
| Worked penetration 60 double strokes @25°C | ASTM D217 | 283 |
| Penetration 10,000 double strokes | ASTM D217 | 308 |
| Drop point, °C | ASTM D2265 | >300 |
| Base oil properties- | | |
| a. Kinematic Viscosity @ 40°C, cSt | ASTM D445 | 460 |
| b. Kinematic Viscosity @ 100°C, cSt | | 30 |
| Copper strip corrosion at 100°C for 24 hrs. | ASTM D4048 | Negative |
| Water washout @80°C, % | ASTM D1264 | 4.4 |
| Leakage tendency, by mass, g | ASTM D1263 | 5.0 |
| Solid lubricant | | $MoS_2$ |

The above typical properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

**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 informtion 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.