

Shell Albida Greases HD 2

High performance high temperature extreme-pressure grease

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|-----------------|------|-------------------------|---------------------|-----------------------|----|------------------|
| THICKENER | NLGI | TEMP RANGE | BASE OIL VISCOSITY | | EP | WATER RESISTANCE |
| LITHIUM COMPLEX | 2 | -20 °C to +150 °C | 40 °C 460 cSt | 100 °C 32.0 cSt | ✓ | ☆☆☆ |

Shell Albida Grease HD 2 is an high performance, high temperature grease for heavy duty industrial applications.

This product is based on high viscosity index mineral oil and a lithium complex soap thickener and contains the latest additives to offer excellent high temperature oxidation performance and other additives to enhance its anti-oxidation, anti-wear and anti-corrosion properties.

Shell Albida Greases HD 2 is especially suitable for slow moving, heavy-duty bearings operating at high temperature and under severe load.

Applications

Shell Albida Grease HD 2 is used for the grease lubrication of heavy-duty, slow moving bearings used in heavy industries :

- Steel (Continuous casters, Workroll bearings etc)
- Cement
- Paper
- Chemical Industry
- Mining

Performance Features

- **High base oil viscosity to meet leading OEM requirements for slow moving large bearings**
Proven in workroll bending operations in Steel plants
- **Excellent mechanical stability even under vibrating conditions**
Consistency retained over long periods, even in conditions of severe vibration
- **Enhanced extreme-pressure properties**
Excellent load-carrying performance
- **Excellent water resistance**
Ensures lasting protection even in the presence of large amounts of water
- **Effective corrosion protection**
Ensures components/bearings do not fail due to corrosion
- **High dropping point**
Resistant to high temperatures

- **Lead & Nitrite free**
For safe handling

Typical Physical Characteristics

| Shell Albida Grease | HD 2 |
|-----------------------------------------------------------------------|-------------|
| NLGI Consistency | 2 |
| Colour | Light Brown |
| Soap Type | LiCx |
| Base Oil (type) | Mineral |
| Kinematic Viscosity @ 40 °C cSt 100 °C cSt (IP 71/ASTM-D445) | 460 32.0 |
| Cone Penetration Worked @ 25 °C 0.1 mm (IP 50/ASTM-D217) | 265/295 |
| Dropping Point °C (IP 132) | 260 |
| Pumpability Long distance | Fair |

These physical characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur

Re-greasing Intervals

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed

Health & Safety

Shell Albida Grease HD 2 is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.