# PRODUCT INFORMATION

## HIGHTEC SUNLUB® GREASEGUARD Ca-EP 2 ECO

High-performance calcium-based grease with synthetic base oils and excellent EP (Extreme Pressure) properties, ideal for use in rolling and plain bearings.

### Description

HIGHTEC SUNLUB® GREASEGUARD Ca-EP 2 ECO is a high-quality lubricating grease made from selected synthetic base oils and calcium thickeners, characterized by excellent EP (Extreme Pressure) performance and reliable corrosion protection.

The base oil (content >80%) is >60% biodegradable according to OECD 301 B. The additives it contains are excluded from this biodegradability assessment.

EU Ecolabel www.ecolabel.eu NL/027/011

### Application

HIGHTEC SUNLUB® GREASEGUARD Ca-EP 2 ECO is used to lubricate roller and plain bearings subjected to high pressure. It is particularly suitable for the multifunctional lubrication of motor vehicles, water management equipment, forestry machinery, industrial machinery, and construction equipment.

### Approvals

- EU Ecolabel NL/027/011

### Specifications

- DIN 51 502/51 825: KP 2 G-40
- T[°C]: -40 ... +110
- T[°F]: -40 ... +230

### Advantages

- Base oil content >80%; >60% biodegradable according to OECD 301B. Excludes additives.
- Premium-grade, cost-effective lubricant for multifunctional use in rolling and plain bearings
- Very good wear protection properties
- Highly stable under load
- Resistant to oxidation
- Very good load-carrying capacity
- Good corrosion protection
- Very good water resistance
- Good adhesion

### Notes

- Minor oil separation is due to the product's properties and is harmless. To a certain extent, it is desirable to ensure proper lubrication and does not indicate a quality defect in the product. The separated oil can be thoroughly reincorporated by folding it in with a wide, sweeping motion.

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms

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ROWE®

### Typical characteristics

| Property | Method | Unit | Value |
|---|---|---|---|
| Corrosion effect on copper | DIN 51 811 | Grad | 1-120 |
| Color | | visual | gelblich |
| Density at 20 °C | ASTM D1122 | g/ml | 1 |
| Classification | DIN 51 502 | - | KP 2 G-40 |
| Worked penetration | DIN ISO 2137 | 0,1 mm | 270-290 |
| Dropping point | DIN ISO 2176 | °C | 140 |
| Usage temperature | | °C | -40 bis +110 |
| Thickener type | - | - | Calcium |
| VKA welding force | DIN 51 350/4 | N | 2800 |
| Resistance to water | DIN 51 807/1 | - | 1-90 |
| Base oil viscosity, 40 ° C | ASTM D-7042 | mm²/s | 120 |

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

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