



### Description

ZAP Grease CENTRAL EP 00 is lithium soap thickened semi-fluid lubricating grease based on high quality mineral base oil. The grease contains antioxidants, rust and corrosion inhibitors and EP/AW additives as well as water resistance and mechanical stability improvers.

### Application

ZAP Grease CENTRAL EP 00 is a high quality semi-fluid grease that can be used in both industrial and automotive applications where the operating temperature goes up to 100°C.

It is suitable for use in centralized lubrication systems applied in industry applications as well as trucks, off-road and agricultural equipment and chassis parts lubrication.

This semi-fluid Central grease is particularly recommended for the lubrication of enclosed gears and bearings in poorly sealed gear cases where conventional gear oils cannot be retained because of leakage.

### Product data

Stock No. Z-6.1 / Z-6.3  
 Packages: 18 kg Keg / 180 kg Drum  
 33 Kegs per Pallet / 4 Drums per Pallet  
 Barcode 18 kg Keg / 180 kg Drum:  
 4752134000130 / 4752134000147  
 Shelf Life: 5+ years (from date of manufacture)

### Technical data

| Characteristics                | Test Method  | Unit               | Typical Value        |
|--------------------------------|--------------|--------------------|----------------------|
| NLGI grade                     | ASTM D 217   | -                  | 00                   |
| Thickener                      |              | -                  | Lithium              |
| Base Oil Viscosity at 40°C     |              | mm <sup>2</sup> /s | 100                  |
| Colour                         | Visual       | -                  | Yellow-to-brown      |
| Appearance                     | Visual       | -                  | Smooth, Homogenous   |
| Cone Penetration, Worked       | ISO 2137     | 1/10 mm            | 400 – 430            |
| Dropping Point                 | ISO 2176     | °C                 | >160                 |
| Low Temp. Flow Pressure        | DIN 51 805   | Mbar               | 1200 at -30°C        |
| Dynamic Rust Test, EMCOR       | ISO 11007    | Rated              | 0-0 Distilled Water  |
| Water Resistance Test          | DIN 51 807-1 | Rated              | 1-90 (3 hrs at 90°C) |
| Four-Ball Weld Load            | ASTM D2596   | kgf                | 320                  |
| Four-Ball Wear Test, Wear Scar | ASTM D2266   | mm                 | 0,50 typical         |

Above characteristics are mean values given as information for guidance purposes only.  
 No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product.

### Performance Features

- Good Mechanical Stability**  
 Forms a durable lubrication film thus protecting metal surfaces against wear
- Excellent protection against rust and corrosion**  
 Has a strong affinity with metal and the ability to protect bearing surfaces against corrosion
- High Load Carrying Capacity**  
 Contains extreme-pressure additives which enable them to withstand heavy loads
- Very Good Oxidation Stability**  
 Specially selected base oil components have excellent oxidation resistance
- Easy to Pump**  
 Excellent fluidity at low temperatures, down to -30°C

### Technical Specifications

ISO 6743-9: ISO-L-XCBEB 00  
 DIN 51 502: GP00G-30