

## **Castrol Olit 2 EP**

EP multi-purpose grease

### **Description**

OLIT™ 2 EP is a multi-purpose grease with special EP additives. There are excellently suited for long-term lubrication at high and low temperatures. Selected additives guarantee optimum performance even under extreme operation conditions.

### **Application**

- In all types of highly loaded rolling and sliding bearings in machines.
- Under difficult operating conditions such as open air, humidity, dust, vibrations, high loads.
- In joints and steering tie rod joints, guides of lifting devices, sliding and bed ways, flexible shafts, water pumps, highly loaded bearings.
- For low-maintenance lubrication of wheel bearings in cranes, high-lift trucks, construction machines, commercial vehicles (DB sheet 267)
- Temperature application range: OLIT 2 EP: - 35°C/- 31°F to + 130°C/+ 266°F

### **Advantages**

- Optimum protection against friction and wear.
- Increased operational reliability even under the most difficult conditions.
- High load carrying capacity.
- Excellent corrosion protection.
- Good adhesion.
- Pumpable in central lubrication systems.
- Resistant to cold and hot water.
- Aging-resistant and shear-stable.

## Typical Characteristics

| Name  | Method               | Units             | Olit 2 EP                    |
|---|----------------------|-------------------|------------------------------|
| Colour  | Visual               | -                 | Beige                        |
| Base oil  | -                    | -                 | lithium soap/<br>mineral oil |
| Density @ 20°C / 68°F   | ASTM D4052           | kg/m <sup>3</sup> | 891                          |
| Worked Penetration (60 strokes @ 25°C / 77°F)                               | ISO 2137 / ASTM D217 | 0.1 mm            | 265 - 295                    |
| Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes | ISO 2137 / ASTM D217 | 0.1 mm            | 22                           |
| Dropping Point  | ISO 2176 / ASTM D566 | °C/°F             | 195/383                      |
| Flow pressure @ 20°C / 68°F   | DIN 51805            | mBar              | 95                           |
| Flow pressure @ - 35°C/- 31°F   | DIN 51805            | mBar              | 1160                         |
| Oil Separation (168 hrs @ 40°C / 104°F)                                     | IP 121 / DIN 51817   | %wt               | 2.5                          |
| Four Ball Wear test - Weld Load   | DIN 51350-4A         | N                 | 2400                         |

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