

SÜPER GRES EP SERIES

Lithium Thickener High Performance Grease

Description

Multi-purpose grease based on lithium thickener, improved by extreme pressure additive.

Applications

It is used for the lubrication of impact loaded heavy duty bearing. NLGI 0 is used for high-speed applications with capillary tubes in the presence of the water, or in the winter, whereas type 1 and 2 are used during summer. Type 2 is recommended for especially wide roller bearings located at the dry and wet ends of paper machines. It is suitable for operation between -12 °C and 130 °C.

Benefits

- Suitable for pumping via central lubricating systems, even through capillary tubes.
- Reduces maintenance and labor costs.
- Highly resistant for water-wash out.
- Prevents the system against rust and corrosion.
- Provides excellent protection under severe and impact loading with high-pressure resistance characteristic.

Performance

DIN 51825: KP 0 K-20 (Süper Gres EP 0), DIN 51825: KP 1 K-20 (Süper Gres EP 1),
DIN 51825: KP 2 K-20 (Süper Gres EP 2), DIN 51825: KP 3 K-20 (Süper Gres EP 3)

Typical Specifications*

| | | Süper Gres EP 0 | Süper Gres EP 1 | Süper Gres EP 2 | Süper Gres EP 3 |
|---|------------|-----------------|-----------------|-----------------|-----------------|
| Thickener Type | | Lithium | Lithium | Lithium | Lithium |
| Colour | | Yellow | Yellow | Yellow | Yellow |
| NLGI | | 0 | 1 | 2 | 3 |
| Base Oil Viscosity, 40 °C, mm ² /s | ASTM D445 | 100 | 220 | 220 | 220 |
| Timken OK, lb | ASTM D2509 | 50 | 50 | 60 | 60 |
| Dropping Point, °C | ASTM D566 | 175 | 185 | 185 | 185 |
| Welding Load, kg | ASTM D2596 | 250 | 250 | 250 | 250 |
| Rust Test | ASTM D1743 | Pass | Pass | Pass | Pass |

* Values shown may differ between productions.



EP 0



EP 1



EP 2



EP 3



Petrol Ofisi