

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 00 G-30 (Süper Gres EP 00), 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), TS 11584

Typical Specifications*

		Süper Gres EP 00	Süper Gres EP 0	Süper Gres EP 1	Süper Gres EP 2	Süper Gres EP 3
Thickener Type		Lithium	Lithium	Lithium	Lithium	Lithium
Colour		Yellow	Yellow	Yellow	Yellow	Yellow
NLGI		00	0	1	2	3
Base Oil Viscosity, 40 °C, mm ² /s	ASTM D445	100	100	220	220	220
Cone Penetration, 25°C	ASTM D217	400-430	355-385	310-340	265-295	220-250
Timken OK, lb	ASTM D2509	50	50	50	60	60
Dropping Point, °C	ASTM D566	160	175	185	185	185
Welding Load, kg	ASTM D2596	315	315	315	315	315
Rust Test	ASTM D1743	Pass	Pass	Pass	Pass	Pass

* Values shown may differ between productions.

