Technical Data Sheet

Megatron Super High Temperature Grease

Specifications, Performance Standards & Recommendations

- ASTM D-5864 / CEC L-33-T-82
- KP2S-30 (DIN 51825)
- ISO-L-X-CGIB2 (ISO 6743-9)

Description

Super High Temperature Grease is manufactured using highly refined mineral base oils which are carefully selected and then fortified with synthetic polymers, producing a highly shear stable foundation for the grease. This base oil foundation allows the product to perform in applications where heavy duty loads are typical.

Super High Temperature Grease is manufactured using an inorganic clay based thickener resulting in a buttery appearance with excellent shear stability characteristics. In addition, this type of thickener is easily pumped, has an excellent resistance to heat and is exhibits excellent water resistance. The optimal operating conditions for this grease in terms of temperature, is from -30 to 205 ^{0}C, however short periods of elevated temperatures can be tolerated without severe damage to the product. Super High Temperature Grease is manufactured to a NLGI 2 grade resulting in a grease of medium to soft consistency. The product contains a blend of synthetic tackifiers, increasing its ability to resist water and adherence with all surfaces.

Benefits

- Very good thermal stability allowing the grease to perform for short periods of time under extreme temperatures, regaining its original texture after cooling to ambient temperature.
- Allows for long periods of storage or non-use in the application without and mechanical breakdown of the grease thickener (e.g. oil separation).
- Exhibits very good to excellent anti-rust and anti-corrosion properties.
- The thickener has very good natural attributes which displace and resist water ingress.
- Exhibits excellent resistance to heat.

Typical Physical Characteristics

Megatron Super High Temperature Grease	
NLGI Grade	2
Thickener Type	Clay
Colour	Tan
Appearance	Buttery, Tacky
Penetration	280
Dropping Point	None
Viscosity of Oil @ 40^{0}C	460, (cSt)
4-Ball Wear Test Scar	0.5, mm
4-Ball Weld Load	315, kg
Timken OK Load	40, lb
Corrosion Prevention	Pass
Copper Strip Corrosion	1B

The values of the specifications shown in this table are typical values given as an indication only.

Pack Sizes

- 500g plastic tubs
- 5kg plastic pails
- 18kg plastic pails
- 50kg steel drums
- 180kg steel open top drums

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet available on **www.tronlubricants.com**

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