



TRON

L U B R I C A N T S

 **ULTRON**

 **MEGATRON**

 **POWERTRON**

Technical Data Sheet

Megatron Heavy Duty Graphite EP2

Specifications, Performance Standards & Recommendations

- KPF2N-40 (DIN 51825)
- ISO-L-X-DDIB2 (ISO 6743-9)

Description

Megatron Heavy Duty Graphite EP2 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.

Megatron Heavy Duty Graphite EP2 is manufactured using a lithium thickener resulting in a buttery appearance with excellent shear stability characteristics. In addition, this type of thickener is easy to pump, has an excellent resistance to heat and water. The optimal operating conditions for this grease in terms of temperature, is from -40 to 150 degrees Celsius, however short periods of elevated temperatures can be tolerated without severe damage to the product.

Megatron Heavy Duty Graphite EP2 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.

Megatron Heavy Duty Graphite EP2 is tan in colour and whose formulation includes a full treat of extreme pressure (EP) and corrosion preventative additives enabling the grease to meet or exceed internationally recognised performance standards. In addition this product is fortified with graphite making it suitable for boundary lubrication at high temperatures and/or heavy loads. In the case of accidental overheating, the presence of this material will still guarantee good lubrication and avoid any jamming or sticking.

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 Heavy Duty Graphite EP2 | |
| NLGI Grade | 2 |
| Thickener Type | Lithium |
| Colour | Tan |
| Appearance | Buttery, Tacky |
| Penetration | 280 |
| Dropping Point | 175 |
| Viscosity of Oil @ 40°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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