

HTG High Temperature Grease

HTG is specifically designed for use in many mechanical and electrical applications operating at high temperatures. The product has excellent lubrication properties as well as anti-rust and anti-wear properties.

- Very wide operating temperature range; good high temperature stability
- Safe on most thermoplastics; testing is always advised
- Water resistant; offers protection against rust
- Efficient mechanical lubricant; provides anti-wear properties

Approvals **RoHS Compliant (2015/863/EU):** **Yes**

Typical Properties

| | |
|--|-------------|
| Colour | Light Brown |
| Temperature Range (°C) | -20 to +200 |
| Evaporation Weight Loss (% 7 days @ 125°C) | 3.1 |
| Drop Point (IP32 / ISO 2176 (°C)) | >250 |
| Cone Penetration Un-worked (ASTM D 217 @ 20°C) | 275 |
| Thickener | Clay |
| Thermal Conductivity (W/m.K) | 0.4 |
| UV Trace | No |

Electrical Properties

| | |
|-----------------------------|----|
| Dielectric Strength (kV/mm) | 35 |
|-----------------------------|----|

Base Oil Properties

| | |
|---|-------------|
| Base Oil Type | Mineral Oil |
| Base Oil Kinematic Viscosity @ 40°C (cSt) | 465 |
| Pour Point (ASTM D 97 (°C)) | -11 |
| Flash Point (COC ASTM D 92 (°C)) | 230 |

Mechanical Properties

| | |
|------------------|-------|
| 4 Ball Wear (mm) | 2.261 |
| Weld Load (kgf) | 160 |

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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BS EN ISO 9001:2008
Certificate No. FM 32082

| <u>Description</u> | <u>Packaging</u> | <u>Order Code</u> | <u>Shelf Life</u> |
|---------------------------|-------------------------|--------------------------|--------------------------|
| High Temperature Grease | 50ml Tube | EHTG50T | 36 Months |
| High Temperature Grease | 50ml Tube & Nozzle | EHTG50TN | 36 Months |

Typical Product Applications

HTG is suitable for use in many applications where good lubrication and consistent performance at elevated temperatures is required. Examples include photocopier drive systems, laser printer and thermal printer gears, heavy industrial machinery in continuous operation and lubrication of reflow and flow soldering machine chains.

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