

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
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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

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
High Temperature Grease	50ml Tube	EHTG50T	48 Months
High Temperature Grease	50ml Tube & Nozzle	EHTG50TN	48 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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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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