



# Technical Data Sheet

## HTG High Temperature Grease

### Product Description

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

### Features

- Wide operating temperature range.
- Safe on most thermoplastics.
- Water resistant
- Low evaporation weight loss

**Approvals**                      **RoHS Compliant (2002/95/EC):**                      **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/mK)	0.4
UV Trace	No

### **Electrical Properties:**

Dielectric Strength	35
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### **Base Oil Properties:**

Base Oil Type	Mineral Oil
Base Oil Viscosity @ 40°C (Kinematic Viscosity (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

### Packing

50ml Tube

### Order Code

EHTG50T

### Shelf Life

48 Months

## **Directions for Use**

HTG should be applied manually.

## **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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