

## HTG

### High Temperature Grease

#### DESCRIPTION

**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.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

#### FEATURES AND BENEFITS

- 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

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

#### PRODUCT INFORMATION

For available packaging sizes please visit:

[electrolube.com](http://electrolube.com)

### PHYSICAL PROPERTIES

Category	Results
<b>Typical Properties</b>	
Color	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 D217@ 20 °C)	275
Thickener	Clay
Thermal Conductivity (W/m.K)	0.4
UV Trace	No
<b>Electrical Properties</b>	
Dielectric Strength (kV/mm)	35
<b>Base Oil Properties</b>	
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
<b>Mechanical Properties</b>	
4 Ball Wear (mm)	2.261
Weld Load (kgf)	160

### 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.

### ADDITIONAL INFORMATION

**Shelf Life:** 36 Months

### SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.**

### CONTACT INFORMATION

To confirm this document is the most recent version, please contact

**TechnicalSupportTeam@hkw.co.uk**

[www.electrolube.com](http://www.electrolube.com)

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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