

# High Temperature EP Grease

**Range: -20° C (-4° F) to 800° C (1472° F)**

Made with High Viscosity Synthetic Base Oil, Tungsten Disulphide particles and Special additives the Grease has Dropping Point higher than 320° C in the Temperature range -20° C to 800° C.

It has excellent service life, superior stability and excellent load bearing properties.

## The Grease has:

- Lowest Coefficient of Friction compared to other High Temperature Grease
- Excellent Extreme Pressure (EP) properties due to Tungsten Disulphide (WS<sub>2</sub>) particles.
- Load bearing property of Tungsten Disulphide is @ 300,000 psi.
- High resistance to water, rust and humid environment.
- Excellent mechanical stability under high shear.
- EP properties and strong resistance to abrasion means the grease is ideal for high load and impact load applications.
- Ideal properties for Bearing Grease application.
- High dropping point which means it does not solidify at higher temperatures

Technical Specifications: Test	Typical Data	Test Method
Cone Penetration (NLGI class)	#0, #1, #2	ASTM D217, GB/T269
Infiltration Degree (0.1mm)	310-340, 259-265, 220-250	ASTM D217, GB/T269
Dropping Point (°C)	> 320° C	ASTM D2265, GB/T3498
Oil separation on steel net (100° C, 24 h) %	< 0.3	ASTM D1742-94, SH/T0324
Corrosion (T2Sheet Copper, 100° C, 24 h)	No Colour Change (Copper sheet does not turn green or black)	ASTM D4048, GB/T7326(II)
Evaporation Loss (150° C, 22 h) %	< 0.4	ASTM D972-02, SH/T0337
Water Washout (38° C, 1 h) %	< 3.5	ASTM D1264, SH/T0109
Four-ball Test PB(N)	≥ 800 x 9.8 ≥ 114 x 9.8	ASTM D2596-97, GB/T3142
Coefficient of Friction	0.015	
Free Alkali NaOH %	< 0.05	SH/T0329

Available from 4 Lube Limited in 400gram cartridges and 18kg Buckets:

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