



Alpha Calcium Sulfonate Grease EP2

TECHNICAL SPECIFICATIONS

Product Description

Calcium Sulfonate Grease Complex

ALPHA TEC CSC grease is made from a mineral oil with high heat and viscosity, and from a soap base with a complex and distinctive chemical compound.

Features high-efficiency extreme pressure anti-wear agents;

Drop point exceeds 270°C for reliable performance;

Operating temperature range: -30~280°C

Complies with Q/SHZT0501 executive standards for excellence;

Provides excellent high-temperature adhesion for durability;

Delivers outstanding extreme pressure and wear resistance;

Ensures good colloidal and mechanical stability for consistent performance;

Offers superior water resistance and protection against corrosion.



Applications

This product is suitable for large heavy-duty trucks, high-speed cars, metallurgy industry continuous casting machine, continuous rolling mill, sintering machine, steel rolling table, printing and dyeing, large motor, rubber, plastic hot rolling mill, cement industry, kiln car and other high-temperature, heavy load mechanical equipment friction parts lubrication.

Specifications

ITEM	TEST METHODS	Quality Index
GRADE	ASTM D 217	NLGI 2
Steel mesh oil separation (100°C, 24h) /% ≤	SH/T0324	3
Evaporation (99°C, 22h) /% ≤	SH/T0337	5
Working penetration, 0.1mm	ASTM D 217/DIN 51 818	220-250
Drop point	GB/T3498	> 300
Corrosion (T2 copper, 100°C, 30h)	GB/T7326	The copper sheet has no green or black change
Anti Corrosion resistance(52°C,48h)	QB/T5018	Qualified
Extended working cone penetration (100000 times) /change rate% ≤	GB/T269	10
Water Loss (38°C, 1h) /% ≤	SH/T0109	5
Fluid-loss test (104°C, 6h) g ≤	SH/T0326	2.5

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at : www.alphaenergy.com.eg