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Technical Date Sheet

HG-20

Calcium Sulfonate Grease



Product Introduction

This is a high-performance calcium sulfonate grease suitable for severe working conditions.

Examples of Application

It is applicable to working conditions with high temperature, heavy load, vibration, high humidity and heavy dust. Ideal for bearings, pin shafts and other friction parts of construction machinery, metallurgical equipment, heavy-duty vehicles and general industrial equipment.

Operating temperature: -25°C ~ 200°C, short-term peak temperature up to 240°C.

Features and benefits

- Excellent high temperature resistance, no leakage or coking at high temperature.
- Good mechanical stability, shear resistant and anti-flinging.
- Extreme pressure and anti-wear performance, withstand heavy loads and impact loads.
- Good water resistance, emulsification resistance and rust protection.
- Stable colloidal property, low oil separation rate and long service life.

TESTING ITEMS	TYPICAL DATA		TESTING METHOD
NLGI Grade	2	3	NLGI Classification Standard
Appearance	Dark brown uniform grease	Dark brown uniform grease	Visual Inspection
Worked Penetration (25°C), 0.1mm	278	250	ASTM D217
Dropping Point, °C	305	308	ASTM D2265
Kinematic Viscosity of Base Oil @40°C, mm ² /s	233.15	233.15	ASTM D445
Cone Penetration Oil Separation (100°C, 24h), %	2.5	2.0	ASTM D6184
Evaporation Loss (99°C, 22h), %	1.6	1.6	ASTM D972
Water Washout Loss (38°C, 1h), %	4.2	3.5	ASTM D2266
Copper Corrosion (100°C, 24h)	Grade 1b	Grade 1b	ASTM D130
Four-ball Weld Load (PD), N	3200	3200	ASTM D2783

* Instructions for use:

- 1.Do not mix with other types of greases. A compatibility test is required prior to mixing if necessary.
- 2.Store in a sealed, cool and dry place. Keep away from direct sunlight, high temperature and rain.