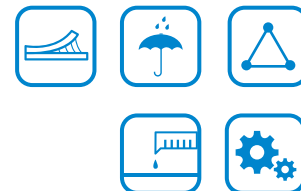




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Technical Date Sheet



HW-20 High Temperature Grease

Product Introduction

This product is a high-end long-service polyurea grease, refined with synthetic base oil and polyurea thickener.

Examples of Application

- Suitable for corrugating machines, high-temperature motors, fan bearings, metallurgical conveyor rollers, automatic precision bearings and sealed heavy-duty transmission components.
- Adaptable to harsh working conditions with high temperature, humidity and dust.
- Operating temperature range: -40°C ~ 220°C, short-term resistant temperature up to 240°C.

Features and benefits

- Excellent high and low temperature stability, low carbonization at high temperature and favorable low-temperature fluidity.
- Compact grease texture to prevent oil splashing and leakage, featuring excellent tightness.
- Outstanding water washout resistance and corrosion resistance; low oil separation and low volatility to keep equipment clean and sludge-free.

TESTING ITEMS	TYPICAL DATA	TESTING STANDARDS
Appearance	White	visual
Worked Cone Penetration, 0.1mm	275	ASTM D217
Dropping Point, °C	280	ASTM D2265
Kinematic Viscosity @40°C,, mm²/s	320	ASTM D445
Kinematic Viscosity @100°C,, mm²/s	33	ASTM D445
Cone Oil Separation (100°C, 24h) , %	1.8	ASTM D6184
Evaporation Loss (180°C, 22h) , %	1.2	ASTM D972
Water Washout Loss (38°C, 1h) , %	2.5	ASTM D2266
Copper Corrosion (100°C, 24h)	1b Class	ASTM D130
Low-temperature Torque (-40°C)	Pass	ASTM D1478

* Instructions for use:

Do not mix with other types of lubricating grease to avoid structural damage and grease failure.Clean all old grease before application; the recommended fill volume for bearings is 1/3 ~ 1/2. All above typical data are laboratory values for reference only.