

## BLE Bearing Grease

SINOPEC BLE bearing grease is thickened by organic thickener, it is made from mineral oil with rust and oxidation inhibitor through special technical process.

### Characteristics

- ⊙ High temperature resistance and long-life performance
- ⊙ Excellent noise reduction performance
- ⊙ Good colloidal stability and anti-rust performance

### Technical specification

- ⊙ Q/SH 303 433—2006 (2009)

### Applications

- ⊙ It is applicable for long life lubricating of various high speed bearings within DN value 400000
- ⊙ Applied in various small and medium-sized low noise sealed bearings, particularly applied in low noise deep groove ball bearings
- ⊙ Applicable to the water vapor or humid environments, can effectively protect the bearings from rusting
- ⊙ Applicable for the lubricating of bearings of high-temperature motors and high-temperature bearings, etc
- ⊙ Recommended for lubricating of long life sealed bearings
- ⊙ Applied temperature range:  $-25^{\circ}\text{C} \sim 200^{\circ}\text{C}$

### Typical data

Items	BLE bearing grease
Worked cone penetration, 0.1mm	280
Dropping point, $^{\circ}\text{C}$	260
Oil separation through steel mesh ( $100^{\circ}\text{C}$ , 24hrs), %	0.7
Water leaching ( $79^{\circ}\text{C}$ , 1hr), %	0.5
Corrosion ( $\text{T}_2$ copper sheet, $100^{\circ}\text{C}$ , 24hrs)	Qualified
Life of high-temperature bearing ( $177^{\circ}\text{C}$ ), hrs	178.5
Corrosion resistance ( $52^{\circ}\text{C}$ , 48hrs)	Qualified
Low temperature torque ( $-20^{\circ}\text{C}$ ), N·m	
Starting torque	0.42
Running torque	0.05