

HSB Low Noise Bearing Grease

SINOPEC HSB low noise bearing grease is thickened by lithium fatty acid, it is made from high quality base oil through special technical process.

Characteristics

- ⊙ Excellent silence performance can effectively inhibit the abnormal noise when the bearings are running
- ⊙ Excellent low temperature properties can reduce the mechanical torque at low temperatures
- ⊙ Excellent rust resistance performance can prevent the rust and corrosion of bearings during the running process

Technical specification

- ⊙ Q/SH PRD343—2010

Applications

- ⊙ It is suitable for lubricating various types of miniature, small and medium-sized low noise bearings at low temperatures, and also suitable for the lubrication and protection of other ordinary small and medium-sized motor bearings
- ⊙ Not recommended using this product under the condition of low speed and heavy loads
- ⊙ Applied temperature range: -40℃ ~ 130℃

Typical data

Items	HSB low noise bearing grease
Worked cone penetration, 0.1mm	270
Dropping point, ℃	200
Oil separation through steel mesh (100℃, 24hrs), %	1.0
Water washout (38, 1hr), %	4
Corrosion (T ₂ copper sheet, 100℃, 24hrs)	Qualified
Leakage (104℃, 6hrs), g	0.3
Oxidation stability (99℃, 100hrs, 758kPa) Pressure drop, kPa	38
Corrosion resistance (52℃, 48hrs)	Qualified
Low temperature torque (-35℃), N·m	
Starting torque	0.19
Running torque	0.02
Impurity (microscope method), entries/cm ³	
10μm above	80
25μm above	0
75μm above	0
Noise level (6201 bearing)	
Number of abnormal sound for starting, N	1
Number of abnormal sound for running, N	1