

WTH Bearing Grease

SINOPEC WTH bearing grease is thickened by polyurea thickener, it is made from synthetic oil with antioxidant, anti-wear additive and corrosion inhibitors through special technical process.

Characteristics

- ⊙ Excellent high and low temperature resistance property
- ⊙ Excellent high speed resistance property
- ⊙ Excellent silence property
- ⊙ Excellent lubricating performance
- ⊙ Super-long bearing life
- ⊙ Good waterproof and anti-rust property

Technical specification

- ⊙ Q/SH303 515—2007

Applications

- ⊙ Suitable for long life lubricating of various high speed bearings within DN value 700000
- ⊙ Applied in the rolling bearings of various electric motors, fans, auto air conditioner magnetic clutch, engine tension wheel, AC generator, water pump, household appliances and office equipments
- ⊙ Applicable for the bearings of various types of silence high-temperature bearings and high-temperature fans
- ⊙ Applicable for long-life and life time lubricating of the sealed bearings
- ⊙ Applied temperature range: -50℃ ~ 180℃

Typical data

| Items | WTH bearing grease |
|--|--------------------|
| Worked cone penetration, 0.1mm | 225 |
| Dropping point, ℃ | 280 |
| Oil separation through steel mesh (100℃, 24hrs), % | 0.5 |
| Water washout (79℃, 1hr), % | 0.4 |
| Bearing life (177℃), hrs | 760 |
| Bearing anti-rusting (52℃, 48hrs) | Qualified |
| Low temperature torque (-40℃), N·m | |
| Starting torque | 0.35 |
| Running torque | 0.05 |
| Corrosion (T ₂ copper, 100℃, 24hrs) | Qualified |
| Oil separation through centrifugation (150℃), % | 5 |
| Noise level (6201 bearing) | |
| Number of abnormal sound for starting, N | 2 |
| Number of abnormal sound for running, N | 2 |