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ISO 9001 / 14001 / TS 16949 / QS 9000 / NT Mark

CASMOLY NX-12

High Temperature Grease

⊙ Description

CASMOLY NX-12 is designed for the lubrication parts for high temperature. It is very suitable for roller bearing, plain bearings and reduction gear head. It performs well under vibration parts, low and high load capacity, and high speed parts.

CASMOLY NX-12 has good oxidation stability, anti-corrosion, water resistance and adhesion, so it works well under watery circumstance.

⊙ Characteristic

- Heat resistance
- Oxidation stability
- Anti-corrosion
- Water resistance
- Good pump-ability
- Service temperature: -30°C ~ +180°C
(For short period: max. 200°C)

⊙ Main Ingredients

- Refined mineral oil
- Poly-urea
- Additives

⊙ Application

- Reduction gear (Worm, Helical etc.)
- Roller bearings in steel industry
- Dryer, revolving furnace
- Chemical ventilation fan
- Various bearings under high temperature

⊙ Packing

- 15KG/PAIL
- 180KG/DRUM

⊙ Typical Properties

| Test Items | CASMOLY NX-12 | Test Method |
|---|---------------|-------------|
| Appearance | Yellow | - |
| Unworked Penetration (25°C) | 265~295 | ASTM D 217 |
| Dropping Point (°C) | Min. 250 | ASTM D 566 |
| Oil separation (wt%) | Max. 4.0 | ASTM D 6184 |
| Evaporation Loss (wt%) | Max. 0.5 | ASTM D 972 |
| Oxidation Stability (kg/cm ²) | Max. 0.3 | ASTM D 942 |
| Four Ball wear (mm) | Max. 0.6 | ASTM D 2266 |
| Four Ball E.P. (kg) | Min. 160 | ASTM D 2596 |

*ASTM: American Society for Testing & Materials

☞ All values are not intended for use in preparing specifications.