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

CASMOLY U-28KN

High temperature grease

○ Description

CASMOLY U-28KN is specially designed for roller and bearing under high temperature and corrosive environment. Even though the temperature is exceeded the service temperature range of CASMOLY U-28KN, it almost doesn't makes any carbide and ash. It has excellent oxidation stability and anti-corrosive property and then it guarantees the excellent lubricity under corrosive condition.

○ Characteristic

- Excellent heat-resistance
- Good rust preventive properties
- Superior oxidation stability
- Service temperature: -30°C ~ +180°C
(For short period: max. +200°C)

○ Main ingredients

- Synthetic oil, mineral oil
- Organic Polymer (Poly-urea)
- Sorts of additives

○ Application

- Sintering part in steel industry
- Guide roller bearing of serial steel casting foundry, pinch roll bearing
- Drying tumbler, revolving furnace, ventilation fan for high temperature
- Freezer system, conveyor system, special electronic motor
- Air escape exhauster for chemistry
- Sorts of bearing under high temperature and corrosive condition

○ Packing

- 15KG/PAIL
- 180KG/DRUM

○ Typical Properties

| Test Items | CASMOLY U-28KN | Test Method |
|---|----------------|-------------|
| Appearance | Light Amber | - |
| Worked Penetration (25°C) | 340~360 | ASTM D 217 |
| Dropping Point (°C) | Min. 200 | ASTM D 566 |
| Oil separation (wt%) | Max. 10.0 | ASTM D 6184 |
| Copper Strip Corrosion | Max. 1a | ASTM D 4048 |
| Oxidation Stability (kg/cm ²) | Max. 0.3 | ASTM D 942 |
| Four-Ball Wear (mm) | Max. 0.7 | ASTM D 2266 |
| Emcor corrosion | Max. Grade 1 | DIN 51802 |

*ASTM: American Society for Testing & Materials.

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