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

CASMOLY UP-320

High Temperature Grease

○ Description

CASMOLY UP-320 is designed for roller & plain bearings under high temperature and corrosion, and suitable for general lubrication under high temperature. CASMOLY UP-320 just leaves little carbon & metal residue when the service temperature range is over, so, it is suitable for CCM line, which don't need continuous lubrication (central concentrated lubrication system).

Also, it has superior oxidation stability, anti-corrosion and water washout resistance.

○ Characteristic

- Excellent heat resistance
- Oxidation stability, anti-corrosion - Water resistance, feed ability
- Service temperature: -30°C ~ +180°C
 (For short period: +200°C)

○ Main Ingredients

- Mineral oil
- Poly-urea
- Additives

○ Application

- Roller bearings of CCM line of steel industry
- Dryer, revolving furnace, ventilation fan under high temperature
- Chemical ventilation fan
- Worm gear, all sorts of bearings
- Reduction gear

○ Packing

- 15 KG/PAIL
- 180 KG/DRUM
- 1 TON

○ Typical Properties

Test Items	CASMOLY UP-320	Test Method
Appearance	Light Yellow	-
Worked Penetration (25°C)	310~340	ASTM D 217
Worked Stability 10 ⁵	280~380	ASTM D 217
Water Worked Stability 10 ⁵	Max. 400	ASTM D 217
Dropping Point (°C)	Min. 260	ASTM D 566
Oil Separation (wt%)	Max. 5.0	ASTM D 6184
Evaporation Loss (wt%)	Max. 0.5	ASTM D 972
Cooper strip corrosion	Max. 1a	ASTM D 4048
Oxidation Stability(kg/cm ²)	Max. 0.35	ASTM D 942
Water Washout (wt%)	Max. 3.0	ASTM D 1264
Leakage Tendency (wt%)	Max. 6.0	ASTM D 1263
Four-Ball E.P. (kg)	Min. 200	ASTM D 2596

*ASTM: American Society for Testing & Materials.

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