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

CASMOLY HXP-240

Grease for steel bearings & High temperature

⊙ Description

CASMOLY HXP-240 is a grease developed to lubricate the Apron conveyor bearings of the high temperature FINEX steel mill. It is a special grease consisting of special urea thickener and synthetic oil with excellent durability, heat resistance and shear stability.

CASMOLY HXP-240 grease has excellent anti-wear and extreme pressure property. It reduces NVH when the bearing is driven in high temperature environment. It has excellent heat resistance and adhesion to prevent grease leakage in advance.

In addition, it exhibits excellent lubrication performance in roller bearings that require excellent sealability due to excellent viscosity and sliding parts that require resistance to fretting corrosion.

⊙ Advantages

- Excellent anti-wear and extreme pressure
- Good water resistance and anti-corrosion
- Good oxidation stability and thermal stability
- Adhesion and resistance to fretting corrosion
- Service temperature: -40℃ ~ +180℃

⊙ Main ingredient

- Synthetic oil, Urea thickener
- Additives (Anti-rust agent, antioxidant , MoS_2)

⊙ Application

- Steel making facility high temperature bearing
- Heat-resistant, lubrication areas where sound is required
- Roller bearings requiring sealing performance, sliding parts

⊙ Packing

- 1kg/CAN
- 15KG/PAIL
- 180KG/DRUM

⊙ Typical Properties

Test Items		CASMOLY HXP-240	Test Method
Appearance		Black	-
Worked Penetration (25℃)		310~340	ASTM D 217
Dropping Point (℃)		Min. 250	ASTM D 566
Oil Separation (wt%)		Max. 3.0	ASTM D 6184
Evaporation loss (wt%)		Max. 1.0	ASTM D 972
Oxidation Stability (kgf/㎠)		Max. 0.4	ASTM D 942
Four-Ball Wear (mm)		Max. 0.60	ASTM D 2266
Four-Ball Welding (kg)		Min. 500	ASTM D 2596
Low Temperature Torque test (-40℃, gf.cm)	Starting	Max. 10,000	ASTM D 1478
	Running	Max. 4,000	

*ASTM: American Society for Testing & Materials.

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