



Product Data

Molub-Alloy 870-2

Heavy Duty Grease

Description

CASTROL MOLUB-ALLOY® 870 is a high-performance EP-Grease developed for large, slow moving, and heavily loaded rolling element bearings.

Application

CASTROL MOLUB-ALLOY® 870 was initially designed for rolling element bearings with outer diameter 600 to 1000 mm and running at 5 rpm, like they are used in cane sugar rollers. The outstanding viscosity-temperature behaviour and low stock-point of the base oil allows operating temperatures down to 0 °C.

Advantages

- The base oils are high viscosity mineral oils forming a stable lube film. Corrosion and oxidation inhibitors maximize effective rust protection and long life of the grease.
- CASTROL MOLUB-ALLOY® 870 HEAVY DUTY GREASE provides an excellent sealing effect against contamination and water.
- CASTROL MOLUB-ALLOY® lubricating solids, in conjunction with selected soluble EP additives, interact synergistically to provide additional protection against machinery component wear.

Typical Characteristics

Name	Method	Units	Molub-Alloy 870-2
Thickener type	-	-	Lithium
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137 / ASTM D217	0.1 mm	265-295
Dropping point	ISO 2176 / ASTM D566	°C/°F	182/359.6
Base Oil Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm²/s	1776
Base Oil Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm²/s	108
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	230/446
Rust Test - EMCOR (distilled water)	ISO 11007 / ASTM D6138	Rating	0/0
Timken OK Load	ASTM D2509	kg / lbs	25.5/56.2

Additional Information

CASTROL MOLUB-ALLOY® 870 can be applied manually or with grease guns.

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