Product Data

Molub-Alloy™ CH 22 Spray

Multi-service Chain lubricant

Description

Castrol Molub-Alloy™ CH 22 Spray (previously called Molub-Alloy™ Chain Oil 22 Spray) is a multi-service chain lubricant designed for use in a variety of plant-wide chain applications. These lubricants are manufactured from a combination of the highest quality components together with an anti-wear/extreme pressure additive system including advanced Molub-Alloy lubricating solids. This product is also formulated to inhibit oxidation and to protect against rust and corrosion.

Application

Molub-Alloy CH 22 Spray is an excellent lubricant for wire ropes, especially those with a sisal or polypropylene core. It is highly inhibited to protect against rust and corrosion to protect the rope from within.

Molub-Alloy CH 22 without the propellant can be used on conveyors and chains operating at temperatures up to 90°C/190°F. It can be used intermittently at higher temperatures up to 150°C/300°F but more frequent re-lubrication may be required uner these conditions. **Application of Molub-Alloy CH 22 Spray contains propellant so care must be taken when applied.**

Advantages

- Resists accumulation of contamination and abrasive matter: The semi-dry lubrication properties provides a very light oil film, giving the appearance of a dry film. This ensures minimum pickup of abrasive dusts, lint, sand, and other particles, eliminating the formation of abrasive compounds which can increase wear and shorten chain life
- Excellent EP and anti-wear protection under boundary conditions: The compounded Molub-Alloy solids provide superior protection during frequent start-up, slow speeds, and when high and/or shock loads are encountered.
- Superior friction reduction: Promote reduced energy consumption during cold start-up and overall cost savings due to less downtime, more efficient operation, longer parts life and extended lubrication intervals.

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Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Name	Method	Units	Molub-Alloy CH 22 Spray
ISO Viscosity Grade	-	-	22
Density @ 15°C / 59°F	ASTM D4052 /ISO 12185	kg/m³	891
Kinematic Viscosity @ 20°C / 68°F	ASTM D445 / ISO 3104	mm²/s	59
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm²/s	22
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm²/s	3.9
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	185 / 365
Pour Point	ASTM D97 / ISO 3016	°C/°F	-45 / -49
Rust test - distilled water (24 hrs)	ASTM D665A / ISO 7120	-	Pass
Rust test - synthetic seawater (24 hrs)	ASTM D665B / ISO 7120	-	Pass
Carbon residue - Conradson test	ASTM D189 / ISO 6615	% wt	0.02
Four Ball Wear test - Wear Scar Diameter (40 kgf / 75°C / 1200 rpm / 1 hr)	ASTM D2266	mm	0.5
Four Ball Wear test - Wear Scar Diameter (300N / 1 hr)	DIN 51350-3B	mm	0.4

Subject to usual manufacturing tolerances.

Additional Information

Note: Properties shown are without the Propane/Butane propellant.

This product was previously called Molub-Alloy Chain Oil 22 Spray. The name was changed in 2015

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