

Molub-Alloy™ Suspension HTGU

Special lubricant with solids

Description

Castrol Molub-Alloy™ Suspension HTGU (previously called Optimol Suspension HTGU) is a semi-viscous special lubricant containing solids. The thermally stable synthetic base oil evaporates at temperatures above + 200°C/+ 392°F with virtually no residue formation. It forms a very adhesive solid lubricant film with high load carrying capacity. It is excellently suited for lubrication in the high-temperature range up to about + 650°C/+ 1202°F

Application

For lubricating points subjected to high temperatures:

- For chain lubrication in the glass, metal and ceramics industries
- In baking ovens of large bakeries
- For slat conveyors in annealing furnaces
- For chain grates and bearings of oven carriages
- Temperature application range:

Fluid lubrication up to + 200°C /+ 392°F

Dry lubrication up to about + 650°C/+ 1202°F

Advantages

- Optimum protection against friction and wear even at extreme temperatures
- Evaporates with hardly any residue formation
- High load carrying capacity
- Good emergency running properties
- Ensures smoother running
- Oxidation resistant
- Excellent corrosion protection
- Silicone-free

Typical Characteristics

Test	Method	Units	Molub-Alloy Suspension HTGU
Colour	Visual	-	Grey/Black
Base	-	-	Polyglycol/Graphite
Density at 15°C / 59°F	DIN 51757	kg/m ³	1.014
Kinematic Viscosity at 40°C / 104°F	DIN 51562	mm ² /s	180.0
Pour Point	DIN ISO 3016	°C / °F	-9 °C / 15.8 °F
Flash Point	DIN ISO 2592	°C / °F	230 °C / 446 °F

1 mm²/s ^ 1cSt Subject to usual manufacturing tolerances

Additional Information

- Do not mix Molub-Alloy Suspension HTGU with other oils or lubricating greases!
- Shake container well before use!
- Apply Molub-Alloy Suspension HTGU on cool components with drip-feed lubricator, oil can or brush.

This was previously called Optimol Suspension HTGU, name changed in 2015.

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199 Oxford Road, Dunkeld, Johannesburg, 2196, South Africa
+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)
www.castrol.co.za