

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.

Molub-Alloy™ Suspension HTGU
17 Sep 2015

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspds.castrol.com>