



Product Data

Tribol CH™ 1430 spray

High-temperature Chain Oil

Description

Castrol Tribol CH™ 1430 Spray (previously called Tribol 1430 Spray) high-temperature chain oil is a lubricant formulated from aromatic ester for the lubrication of oven chains. The low evaporation tendency of the high-quality synthetic base fluid ensures extended lubrication intervals as well as a clean and economic application.

The viscosity of Tribol CH 1430 Spray provides for excellent wetting of chain pins at temperatures up to 240°C with short term maximum temperature of 270 °C. The product contains anti-wear additives for additional protection in the areas of boundary and mixed friction and at high operating temperatures.

Rust and oxidation inhibitors protect chains from corrosion at standstill and extend the lubricant's life.

The Propellant used in Tribol CH 1430 Spray is a Propane/Butane mix. (Once evaporated it leaves Tribol CH 1430).

Application

- Tribol 1430 high-temperature chain oil is especially recommended for chain lubrication at temperatures up to 240 °C with short term maximum temperature of 270 °C .
- It is used for the lubrication of oven chains in lithographic printing plants and in the coating industry as well as in drying ovens of the automotive industry

Advantages

- The good evaporation characteristics of Tribol 1430 Spray can often reduce the lubricant amount to be applied and/or extend the interval between reapplication
- Reduced applications minimize soiling due to dripping or "blow-off"
- Excellent fluid film and anti-wear properties control chain wear
- Self-cleaning action all but eliminates the need to stop production to periodically clean some equipment
- Tribol 1430 Spray also tends to dissolve and facilitate the removal of carbonaceous residues left by previous lubricants
- Fire and explosion hazards are greatly reduced. The ignition temperature far exceeds that of petroleum products
- Low residue forming properties - any residues formed are still fluid and have lubricating properties
- Compatible with the following sealing materials: Fluoroelastomers, silicone rubber, nitrile rubber (with more than 30% acrylonitrile) and EPDM-elastomers
- Excellent wetting and adhesive properties
- Cost reductions may be achieved by reduced friction, extended lubrication cycles, reduced soiling, decreased downtime for repairs and maintenance and longer service life of machine components

Typical Characteristics

Name	Test Method	Unit	Tribol CH 1430
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³	949
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	150
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	17.1
Viscosity Index	ASTM D2270 / ISO 2909	-	124
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	268/514
Pour Point	ASTM D97 / ISO 3016	°C/°F	-33/-27.4
Four Ball Wear Test, Wear Scar Diameter	DIN 51350-03-B	mm	<0.30

Subject to usual manufacturing tolerances. Above are neat Tribol CH 1430 properties without the Propane/Butane propellant.

Additional Information

Do not use Tribol CH 1430 Spray high-temperature chain oil with seals under made of chloroprene rubber.

This product was previously called Tribol 1430 Spray. The name was changed in 2015.

Tribol CH™ 1430 spray

24 May 2016

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. 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>