Product Data

Tribol CH™ 1430

High-temperature chain oil

Description

Castrol Tribol CH™ 1430 (previously called Tribol 1430) high-temperature chain oil is formulated for the lubrication of oven chains. The low evaporation tendency of the high-quality aromatic ester synthetic base fluid ensures extended lubrication intervals as well as a clean and economic application. The viscosity of Tribol CH 1430 delivers excellent wetting of chain pins at temperatures even upto 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 lubrication and at high operating temperatures. Rust and oxidation inhibitors protect chains from corrosion at standstill and extend the lubricant's life.

Application

- Tribol CH 1430 high-temperature chain oil is especially recommended for chain lubrication at temperatures upto 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 in the automotive industry.
- It may be applied by drip, spray, splash and pressurized lubricating systems compatible with oils of this viscosity.

Advantages

- The good evaporation characteristics of Tribol CH 1430 can reduce the amount of lubricant required and / or extend the interval between re-application.
- Reduced application minimizes dripping or "blow-off".
- Excellent fluid film and anti-wear properties control chain wear.
- Self-cleaning action eliminates the need to stop production periodically to clean equipment
- Dissolve and facilitates 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.

Berreteaga N°6, A, 48150, Sondika (Bizkaia) · mendoza@comercialmendoza.es

Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Name	Method	Units	Tribol CH 1430
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m³	949
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm²/s	150
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm²/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
Four Ball Wear test - Wear Scar Diameter (300N / 1 hr)	DIN 51350-3B	mm	0.5
SRV Friction and Wear test	ASTM D6425 / DIN 51834	coeff. of friction/ w ear scar diam (mm)	0.116 / 0.7

Subject to usual manufacturing tolerances

Additional Information

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

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

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

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