



## Tribol 1430

High-temperature chain oil

### Description

CASTROL 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 CASTROL TRIBOL 1430 delivers excellent wetting of chain pins at temperatures even above 150°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

- CASTROL TRIBOL 1430 high-temperature chain oil is especially recommended for chain lubrication at temperatures above 150 °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 CASTROL TRIBOL 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.

## Typical Characteristics

Name	Method	Units	Tribol 1430
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m <sup>3</sup>	949
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	150
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	17.1
Viscosity Index	ISO 2909 / ASTM D2270	-	124
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	268 / 514
Pour Point	ISO 3016 / ASTM D97	°C/°F	-33 / -27
Four Ball Wear test - Wear Scar Diameter (300N / 1 hr)	DIN 51350-3B	mm	<0.30

Subject to usual manufacturing tolerances

## Additional Information

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

Tribol 1430  
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