



Product Data

Tribol CH 1730/100

Chain Oil

Description

Castrol Tribol™ CH 1730 (previously called Tribol™ 1730/100) is a unique Chain Oil developed for normal operating temperatures and peak operating temperatures up to 150°C. It has excellent affinity for metal surfaces and outstanding penetration characteristics. Special antiwear additives provide excellent lubrication properties in boundary and mixed friction areas. Tribol™ CH 1730 Chain Oil is formulated using a blend of synthetic esters and a selected mineral oil which guarantees a high oxidation stability at elevated temperatures. Rust and Oxidation inhibitors protect chains from corrosion at standstill and extend the lubricant life.

Application

Tribol™ CH 1730 is used for the lubrication of conveyor and power transmission chains at room temperatures or elevated temperatures in moist environments. It can be applied by drip, spray or brush or via automatic lubrication systems.

Advantages

- Tribol™ CH 1730 has excellent wetting and adhesive properties.
- The low volatility characteristics of Tribol™ CH 1730 means that the amount applied can often be reduced and/or the interval between re-application extended.
- The cleaning action of Tribol™ CH 1730 reduces the need to stop production periodically to clean equipment.
- Tribol™ CH 1730 also dissolves and facilitates the removal of carbonaceous residues left by previous lubricants.
- Tribol™ CH 1730 Chain Oil is compatible with NBR sealing material and is proven and approved by leading automatic lubrication system manufacturers.

Typical Characteristics

Name	Method	Units	Tribol CH 1730/100
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³	904
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	100
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	12.1
Viscosity Index	ASTM D2270 / ISO 2909	-	112
Pour Point	ASTM D97 / ISO 3016	°C/°F	-24 / -11
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	170 / 338
Rust test - distilled water (24 hrs)	ASTM D665A / ISO 7120	-	0-A
Copper corrosion (24 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	1
Four Ball Wear test - Wear Scar Diameter (300N / 1 hr)	DIN 51350-3B	mm	0.32

Subject to usual manufacturing tolerances

This product was previously called Tribol™ 1730/100. The name was changed in 2015.

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Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
 Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial