



Viscogen KL 300 Spray

Chain Oil Spray

Description

Castrol Viscogen KL™ 300 Spray is an aerosol version of KL 300, with a Propane/Butane carrier which evaporates almost instantly leaving Viscogen KL 300 behind.

Viscogen KL 300 is a thermally stable synthetic lubricant designed for high temperature lubrication in severe environments, where the use of mineral oils or conventional synthetic oils would result in excessive wear, carbonisation and residue formation. It can be used up to temperatures of +200°C, depending on the viscosity.

Viscogen KL 300 has been developed from base fluids which form exceptionally adherent, transparent and odourless lubricating films and an additive system free of solids, metals or silicone which enhances load carrying capability and wear protection.

Application

The dimensions of the chain as well as its structural shape (e.g. roller, pin, ladder chains, insertion and flat link hoisting chains) are important when selecting the right viscosity. The way the lubricant is applied must also be considered e.g. manual lubrication, drip feed lubricator, central lubrication, sump lubrication or via spray can.

Viscogen KL 300 Spray allows difficult to access lubrication points to be accessed and a convenient method of applying the parent grade.

Advantages

- Spray format to allow difficult to access points.
- Extremely low evaporation rate, low residue formation and low smoke generation at high temperatures – enabling reduced maintenance, reduced lubricant consumption and better working environments.
- Outstanding load carrying ability under severe mechanical loads and high temperatures as well as excellent penetration on chains and wire rope strands – leading to longer chain life.
- No dripping or throwing off at high speeds or high temperatures – giving reduced lubricant consumption.
- Excellent rust protection, extraordinary oxidation resistance and no hard carbon build up - leading to longer chain life and reduced maintenance.

Typical Characteristics

Name	Method	Units	KL 300
Colour	Visual	-	Green
Base Oil	-	-	Synthetic Oil
ISO Viscosity	-	-	-
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	925
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	4030
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	210
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	220/430
Pour Point	ISO 3016 / ASTM D97	°C/°F	-12/1
Copper corrosion (3 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1
Rust test - synthetic seawater (24 hrs)	ISO 7120 / ASTM D665B	-	Pass
Four Ball Wear test - Wear Scar Diameter (300N / 1 hr)	DIN 51350-3b	mm	0.4

Subject to usual tolerances. Above values are for Viscogen KL 300 without propellant.

Additional Information

- Compatible and miscible with mineral oils.
- Easy and economical use with adjustable spray head. Spraying foam remains until oil has penetrated into the friction point.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition

Viscogen KL 300 Spray

15 Aug 2012

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.

10 Junction Avenue , Parktown , Johannesburg , 2193 , South Africa

+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)

www.castrol.co.za