

Tribol WR 4600

Wire Rope Lubricant

Description

Castrol Tribol WR 4600 is a wire rope lubricant specifically developed for wire ropes used in building's elevators. It is formulated to allow fast evaporation leaving an oil based residue which lubricates and provides corrosion protection to the elevator wire rope.

Application

Tribol WR 4600 was designed to provide both lubrication and corrosion protection to elevator wire ropes; it is best applied by painting with a standard paint brush or using a paint roller and pan.

Tribol WR 4600 is applied to the wire rope as a clear colourless liquid.

The de-aromatised solvent evaporates leaving, a tenacious shear stable lubricating and protecting film.

Tribol WR 4600 is not suitable for use in wick feed automatic lubricators.

Advantages

- Low initial viscosity of the dispensed product providing rapid and effective penetration into the ropes and ease of coverage of the ropes during application.
- High evaporation rate, allows ropes to be generously lubricated and lifts returned to service immediately without the risks of fling off and dripping of lubricant onto the brake drums, or wear associated with dilution of base lubricant.
- High final viscosity maximising the film strength and abrasion protection to best combat external wear of the ropes and sheaves and internal fretting corrosion of the ropes, in order to increase rope and sheave life and minimise repair costs.
- High shear stability, tenacity and longevity of the base lubricant to maximise the film lifetime to significantly lengthen the re-lubrication interval and thus minimise the material and labour costs of relubrication over the life of the lift.
- The ability of the base lubricant during downtime to flow back into internal wire contact zones to prevent internal fretting, corrosion and wear.
- High tackiness and low slipperiness of the base lubricant to enhance rather than degrade traction.
- Excellent corrosion protection suitable for salty coastal environments and outdoor / observation lifts.
- Contains synthetic polymer and refined low odour solvent.

Typical Characteristics

Property	Test Method	Unit	Value
Density @ 15°C	ISO 3675 / ASTM D1298	kg/m ³	828
Appearance	Visual	-	Clear colourless liquid with characteristic solvent odour
Flash Point PMCC	ISO 2719 / ASTM D93	°C / °F	40 / 104
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	26

Tribol WR 4600

11 Feb 2015

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.

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

www.castrol.com/industrial