



Product Data

Castrol Techniclean[®] MTC

Machine Tools Coolant System Cleaner / Steriliser

Description

Castrol Techniclean[®] MTC is a cleaner steriliser for machine tool coolant systems and large centralised coolant systems.

Performance Benefits

- Is a dual function product - an effective cleaner and steriliser
- Highly concentrated - only a small quantity required
- Suitable for treating both phenolic and non-phenolic emulsions contaminated with bacteria, tramp oil, sludge, swarf etc.
- Has the ability to restore the pH level of emulsions
- Harmless to the machine tool and does not promote rusting
- Effective in killing sulphate fixing bacteria
- Cleans and sterilises coolant systems ready for new charges of emulsions

Recommended Applications

Castrol Techniclean[®] MTC is suitable for single machine tools, flexible manufacturing units, and transfer systems.

Method Of Use

Castrol Techniclean[®] MTC is added direct to the old coolant system prior to discharge in order to clean and sterilise the system to be ready for the new charge of soluble oil. A concentration of only 1% in the emulsion is normally sufficient, can be used up to 2% if required.

The sterilising effect of **Castrol Techniclean[®] MTC** is fairly rapid. However the cleaning action depends upon the time the system is allowed to circulate to flush out the accumulated contaminants effectively. Conditions will vary, but as a guide, for full effectiveness circulate under normal working conditions for at least 8 hours.

After circulation, thoroughly drain the coolant system and re-charge with fresh emulsion. If the system has been heavily contaminated, a short water rinse prior to re-charging could assist.

Castrol Industrial

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Typical Characteristics

Castrol	Techniclean [®] MTC
Appearance	Light Brown Liquid
Density @ 20°C	1.080
pH of 1% Solution	11.25

Handling Precautions

- Avoid direct contact with the skin and eyes.
- Wear impervious (Nitrile or PVC) gloves and apron and chemical goggles or face shield when handling concentrated product.
- Do not use in vehicle or truck radiators or in heat exchangers.
- At the recommended dilutions of **Castrol Techniclean[®] MTC**, no health hazards are expected.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.


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