

# Castrol Techniclean M XBB

Machine tool and system cleaner

## Description

**Castrol Techniclean M XBB** is a liquid, mildly alkaline, medium to heavy duty machine tool and system cleaner. The product is formulated without boron and formaldehyde releasing agents and it is based upon powerful low foaming surfactants and emulsifiers.

## Application

**Techniclean M XBB** has been specifically formulated to deal with a wide variety of machine tool and system contaminants including fatty build-up in pipelines and floor ducts.

**Techniclean M XBB** is easy to use with minimum disruption to production, being added directly to the coolant system whilst still in operation.

## Conditions of Use

- An addition of 2 - 3% of Techniclean M XBB is recommended. The amount added depends on the general condition of the coolant system
- Introduce Techniclean M XBB where there is a good coolant movement, e.g., immediately beyond the pump outflow back to the main settling tank, or direct into a velocity trench or floor return channel. This ensures complete mixing with the coolant
- Add Techniclean M XBB 24 hours before the coolant is scheduled to be discarded. The machine tools should then be operated normally for a minimum of eight hours
- Machine tools, which are not wetted by the emulsion, could be cleaned manually by using a 2 - 3% dilution of Techniclean M XBB
- Following this period of circulation (max 48 hours), empty the entire coolant system and machines and dispose of the coolant in accordance with normal work procedures
- Rinsing with a fresh coolant (about 1%) is recommended

## Advantages

- Low foam and compatible with Castrol's XBB coolant range as well as with common water-mixable coolants
- Can be used whilst machines are operating normally which reduces maintenance and disposal costs
- Keeps machine tool systems in a clean and efficient condition – minimises downtime and so improves productivity
- Formulated without boron and formaldehyde releasing agents, which helps to fulfil aspects of legislative requirements and waste treatment requirements where applicable
- Techniclean M XBB shows better operator acceptance when compared to conventional formaldehyde containing system cleaners

## Typical Characteristics

Name	Method	Units	Value
Appearance	Visual	-	Clear, light-yellow liquid
Density @ 20 °C	DIN 51 757	g/ml	1.02
pH (1% in deionised water)	DIN 51 369	-	9.9

Subject to usual manufacturing tolerances.

## Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

Techniclean M XBB  
26 January 2022

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under license.

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](http://www.castrol.com)