



Castrol Techniclean S 400

Mild Alkaline Aqueous Process Cleaner

Description

Castrol Techniclean™ S 400 is a low alkalinity liquid aqueous process cleaner containing surfactants and corrosion inhibitors.

The product is designed to be fully compatible with Castrol Hysol™ EM 400 and Boost WP25 soluble cutting fluid system.

Application

Techniclean S 400 has been specifically formulated for cleaning aluminium and ferrous components in a wide range of industrial spray and intensive flood wash machines. The product is effective in removing of swarf, dirt, neat and soluble cutting oils during manufacture. Techniclean S 400 provides short term corrosion protection on aluminium and ferrous metals.

Where required Techniclean S 400 is suitable for filtration to 0.1 microns.

Conditions of Use

Concentration Range:	1 - 5%
Temperature Range:	ambient - 60 °C
Spray Pressure Range:	up to 100 bar

Optimum conditions of use are depending on the detailed application requirements and the amount and nature of the soil being removed.

Advantages

- Contains advanced ferrous and aluminium corrosion inhibitors which enables multi metal cleaning.
- Low foam characteristics suits application in a wide range of spray washing equipments.
- Excellent resistance to bacterial and fungal attack allows longer bath life.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear, yellow to amber liquid
Density @ 15 °C	EN ISO 12185	g/ml	1.11
pH (1% dilution)	ASTM E70-97	-	9.7
Cast Iron Corrosion @ 1%	IP 287	-	No stains

Subject to usual manufacturing tolerances.

Additional Information

If required cleaning performance may be enhanced via the addition of Castrol Surfactant S 614.

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 to the product safety data sheet.

Castrol Techniclean S 400

16 Jun 2016

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

<http://msdspds.castrol.com>