



Techniclean 8580

Post quench process cleaner for ferrous metals

Description

Castrol Techniclean™ S 8580 is an aqueous, alkaline industrial cleaner, containing biodegradable surfactants and corrosion inhibitors. It is free of inorganic salts.

Application

Techniclean 8580 has been specifically designed to remove industrial quench oils from ferrous metals and should be used in cleaning systems that have efficient oil removal equipment such as oil skimmers. Its powerful oil rejecting properties are optimised to ensure a long bath life particularly with quench oils containing petroleum sulphonates. Techniclean 8580 can also be used in other applications where it effectively removes soluble oils, neat cutting or light forming oils, thin film corrosion preventives, lubrication oils and general dirt.

Conditions of Use

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

	Spray	Flood wash	Dip	Ultrasonic
Concentration Range:	2 - 4%	2 - 4%	3 - 6%	2 - 4%
Temperature Range:	60 - 80°C	60 - 80°C	30 - 70°C	30 - 60°C
	140 - 176°F	140 - 176°F	86 - 158°F	86 - 140°F
Spray Pressure:	up to 3 bar	up to 12 bar	n/a	n/a
	up to 50 psi	up to 200 psi	n/a	n/a

Advantages

- Excellent demulsifying properties provide easy skimming and long bath life – reduces maintenance and disposal cost.
- Free of inorganic salts, no rinsing required – improves parts cleanliness, enables process rationalisation
- Wide quench oil compatibility – unaffected by quenchant changes

Typical Physical Characteristics

	Test Method	Unit	Value
Appearance	visual	-	Clear, yellow liquid
Density @ 15°C	ASTM D 4052	kg/m ³	1020
Density @ 59°F	ASTM D 4052	lb/gal	8.5
pH (concentrate)	ASTM D1293	-	12,2
pH (3% in DI-water)	ASTM E 70-97	-	11,3

Techniclean 8580

08 Sep 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 (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial