

Castrol 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

	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

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

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 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

Castrol, Techniclean (Numbered), and the Castrol logo are trademarks of Castrol Limited, used under licence

INTERNATIONAL 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 Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK
www.castrol.com/industrial