



Techniclean™ S Premium

Multi-metal spray process cleaner

Description

Castrol Techniclean™ S Premium is an aqueous, low alkalinity industrial process cleaner containing corrosion inhibitors and biodegradable surfactants.

Application

Techniclean S Premium is designed for inter-operational and final cleaning operations of multi-metal parts and components, providing good corrosion protection on ferrous metals. It is also suited for aluminium and yellow metals.

Techniclean S Premium is suitable for use in a wide range of industrial spray and intensive flood wash machines, as well as mass vibratory finishing operations (MVF).

Techniclean S Premium effectively removes soluble oils, light duty neat cutting or forming oils, lubrication oils, soft film corrosion preventives, swarf and general dirt.

Conditions of Use

	Spray / Flood Wash	Mass Vibratory Finishing
Concentration Range:	1 - 5%	0,5 %
Temperature Range:	up to 80 °C	ambient
Spray Pressure:	up to 100 bar / 1500 psi	n/a

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

Advantages

- Leaves a temporary corrosion preventive film on the metal surface – minimises scrap rate which improves productivity
- Excellent demulsifying properties provide easy skimming and long bath life – reduces maintenance and disposal cost
- Low foaming at ambient temperature; allows for initial cold water start ups – economical, lowers energy cost
- Biodegradable surfactant package – improves environmental profile
- Versatile; multi-metal compatible and suitable in hard and soft water – enables possible product consolidation

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Light yellow to yellow liquid
Density @ 15 °C	ASTM D4052	g/ml	1.09
pH (2% in DI-water)	ASTM E70-97	-	9.3
Cast Iron Corrosion Protection @ 3%	IP 287	-	No stains

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.

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