



Techniclean™ S Plus

Aqueous alkaline process cleaner

Description

Castrol Techniclean™ S Plus is an aqueous, alkaline industrial process cleaner containing highly effective corrosion inhibitors.

Application

Techniclean S Plus is designed for inter-operational and final cleaning operations of parts and components, suitable for use in a wide range of industrial spray and intensive flood wash machines.

Techniclean S Plus is particularly recommended where corrosion protection during short term storage is required.

Techniclean S Plus effectively removes light-medium soils, such as soluble oils, neat cutting or forming oils, lubrication oils, soft film corrosion preventives, greases, swarf and general dirt.

Conditions of Use

Concentration Range:	0.5 - 4%; high pressure: 0.5 - 2%)
Temperature Range:	up to 80 °C / 176 °F
Spray Pressure:	up to 200 bar / 3000 psi

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

Advantages

- Leaves a high performing temporary corrosion preventive film on the metal surface to minimise the scrap rate associated with corrosion during inter-operational storage.
- Can offer long bath-life even at ambient temperature which helps to reduce maintenance and disposal cost.
- Low foaming at ambient temperature; allows for initial cold water start ups which is economical and lowers energy cost.
- Suitable for inter-operational and final wash operations in hard and soft water to enable possible product consolidation.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear yellow liquid
Density @ 20°C	ASTM D4052	g/ml	1.1
pH (2% Dilution in DI-Water)	ASTM E70/97	-	10.3
Total alkalinity	In-house	% NaOH	15
Cast Iron Corrosion Test (3% Dilution in DI-Water)	IP 287	-	Pass

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 40 °C / 41°F and 104°F.

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

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