



Techniclean™ SF

Multi-metal final spray wash process cleaner

Description

Castrol Techniclean™ SF is an aqueous, mildly alkaline industrial process cleaner containing biodegradable surfactants and corrosion inhibitors.

Application

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

Techniclean SF is particularly recommended where corrosion protection during short-term storage is required.

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

Conditions of Use

Concentration Range:	0.5 - 5%
Temperature Range:	ambient to 80 °C
Spray Pressure Range:	300 bar (typical)

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

Depending on bath temperature and water quality higher spray pressures > 300 bar are possible.

Advantages

- Leaves a temporary corrosion preventive film on the metal surface – minimises scrap rate which improves productivity
- Good demulsifying properties, provides 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 of Concentrate	Visual	-	Clear, slight yellow to amber liquid
Density @ 15 °C	ASTM D4052	g/ml	1.07
pH (2% in DI-water)	ASTM E70-97	-	9.7
Total Alkalinity	In-house	mg KOH/g	10.4
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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