



Product Data

Castrol 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:	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 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

	Test Method	Unit	Value
Appearance	Visual	-	Clear, yellow liquid
Density @ 20°C	IP 160	kg/m ³	1070
Density @ 68°F	IP 160	lb/gal	8.9
pH (2% in DI-water)		-	9.7
Total alkalinity	BAM 101	% NaOH	9.8
Cast Iron Corrosion Test	IP 287	%	5

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