

Castrol Techniclean TW AL

Universal spray process cleaner

Description

Castrol Techniclean™ TW AL is an aqueous, low alkalinity, industrial cleaner containing biodegradable surfactants and corrosion inhibitors.

Application

Techniclean TW AL is a universal, inter-operational, multi-metal cleaner, suitable for cleaning parts and components in a wide range of industrial spray and intensive flood wash machines.

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

Conditions of Use

Concentration Range:	1 -5%
Temperature Range:	40 - 70 °C / 104 - 158 °F
Spray Pressure:	up to 20 bar / 300 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 provide easy skimming and long bath life – reduces maintenance and disposal cost
- Low foaming above 40°C – economical, improved productivity at lower cost
- Moderate pH-level – HSSE-profile improves operator acceptance
- Multi-metal compatible and suitable in hard and soft water – enables possible product consolidation

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	Clear, light yellow liquid
Density @ 15°C	DIN 51 757	kg/m ³	1050
Density @ 59°F	DIN 51 757	lb/gal	8.8
pH (5% in DI-water)		-	9.3

Concentration Control

- Pipette 10 ml in an Erlenmeyer flask
- Add 1 - 2 drops of indicator solution nitrazine yellow
- Titrate with hydrochloric acid (c = 0,1 ml/l) until colour changes from blue to yellow
- Concentration = required ml hydrochloric acid * **factor 1,1**

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