



Product Data

Techniclean™ HP 2

Aqueous Mild Alkaline Process Cleaner

Description

Castrol Techniclean™ HP 2 (previously called CareClean™ HP) is an aqueous, low alkalinity, industrial spray cleaner with exceptionally low foaming characteristics.

Techniclean HP 2 has been specifically formulated as an environmentally responsible and safe to use process cleaner. The product is free from silicate and nitrite.

Application

Techniclean HP 2 is designed for use in high pressure industrial washing machines for cleaning ferrous and non-ferrous parts and components.

Techniclean HP 2 is recommended for removing fine swarf, grinding debris, machine tool lubricants and metal working fluids from machined castings, cylinder blocks, gearboxes and other general machined components.

It is also suitable as a corrosion inhibitor for pressure test systems.

Conditions of Use

Concentration Range: 2 - 3%

Temperature Range: ambient - 70 °C

Spray Pressure: 3500 - 10000 psi (240 - 960 bar)

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

Advantages

- Low foaming characteristics even when pressures as high as 10000psi are being generated.
- Excellent inter-operational corrosion protection, ideal for components on which several operations are required.
- Compatibility with ferrous and non-ferrous materials.
- Excellent demulsifying properties provide easy skimming and long bath life which helps to reduce maintenance and disposal cost.
- Safe to use and environmentally responsible formulation.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear colorless to yellow liquid
Density @ 15 °C	ASTM D4052	g/ml	1.08
pH, 2% in deionized water	ASTM E70/97	-	9.8
Total Alkalinity, pH 4	BAM 101	% NaOH	9
Cast Iron Corrosion Test, 5% in deionised water	IP 287	-	0

Subject to 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.

This product was previously called CareClean HP. The name was changed in 2015.

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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

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