



Techniclean S 5001

Alkaline Spray Washing Cleaner

Description

Castrol Techniclean™ S 5001 is designed for use in all types of industrial spray washing equipment, including intensive flood washers. Techniclean S 5001 is formulated to provide iron corrosion inhibition and a low foaming profile.

Application

Castrol Techniclean™ S 5001 effectively removes a variety of soils such as: adhesive compounds, crankcase, light gear oils, grinding oils, heat treat oils, heavy forming oils, heavy viscosity oils, hydraulic oils, lapping compounds, light forming oils, lubricating greases, lubricating oils, medium viscosity cutting oils, polishing compounds, pressing compounds, thick soft-film rust preventives and thin soft-film rust preventives.

Advantages

- Low foam eliminates foam-outs in spray washers and enhances performance in transfer lines
- Slight, imperceptible film residue provides in-process corrosion protection
- Moderate pH reduces the possibility of skin irritations

Typical Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Clear yellow fluid
Specific Gravity °F /°C	60°F/16°C	CN-TM-086	1.01 - 1.03
pH of Solution	5%	CN-TM-069	10.0 - 11.0
Bulk Density	lbs/gal	-	8.5

Concentration Control

By titration:

1. Place (pipette) 50 ml sample of Techniclean S 5001 solution into a flask or beaker
2. Titrate 1.0 N sulfuric acid from a burette until reaching 4.6 on the pH meter
3. The concentration of the Techniclean S 5001 solution in % (v/v) can be calculated by multiplying the volume of 1.0 N sulfuric acid in ml by the concentration factor
4. Prior to running tests on field samples, follow the above method using a sample of known concentration to obtain the concentration factor

Concentration factor = % known concentration/ml acid needed to reach the end point

With Hach Kit:

The table below reflects values obtained using a Hach alkalinity test kit (Cat. No. 23145). For best results follow the instructions for use provided in this kit.

Concentration % (V/V)	1	2	3	4	5
Drops	4	7	11	16	19

User Advice

This product is designed for use in all types of industrial spray washing equipment, including intensive flood washer. It also has multi-metal compatibility as it can be safely used on ferrous and most nonferrous metals. Consult your Castrol Sales Engineer for questions regarding compatibility.

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