



Techniclean 3602

Neutral high pressure process cleaner for aluminium

Description

Castrol Techniclean™ 3602 is a neutral pH, high pressure process spray cleaner containing biodegradable surfactants and corrosion inhibitors.

Conditions of Use

Concentration Range:	3 - 5%
Temperature Range:	ambient - 150 °F (65 °C)

Advantages

- Short term in-process corrosion protection to limit rework made necessary by rust
- Splits oils, rather than emulsifying them, to provide easy skimming and long bath life
- Low foam for initial cold water start-ups
- Ambient temperature operation saves energy which reduces cleaning costs

Typical Physical Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Hazy yellow fluid
pH of Concentrate	-	CN-TM-069	8.4
pH of Solution	@ 5%	CN-TM-069	7.9
Specific Gravity	@60°F (16°C)	Cn-TM-086	1.06
Bulk Density	Lbs/gal	-	8.8
Nitrites	-	-	No
Phosphates	-	-	No
Silicates	-	-	No

Concentration Control

By titration:

1. Place (pipette) 50 ml sample of Techniclean 3602 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 3602 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 %	1	2	3	4	5
Drops	3	4	7	8	10

User Advice

Consult your Castrol Sales Engineer for questions regarding metal compatibility.

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