



Techniclean 2000

Mild pH Floor Cleaner

Description

Castrol Techniclean™ 2000 is an economical, mild pH floor cleaner for removing moderate to heavy duty soils. Though it is particularly well suited for floor cleaning, it can also be used for maintenance cleaning such as machine tool cleanouts. Lean concentrations of this product will effectively remove lighter soils. Consequently, you can save money by using less concentrate and reducing cleaning fluid purchases. The mild pH of Techniclean 2000 makes it particularly operator friendly.

Advantages

- Versatile cleaning fluid that can be used for scrubbing floors and general maintenance cleaning
- Fast-drying, no-slip finish prevents sticking when used in floor scrubbing equipment and manual operations
- Ambient temperature operation saves energy and energy dollars

Typical Physical Characteristics

	Unit	Test Method	Value
Appearance	-	Visual	Clear fluid
pH of Concentrate	-	CN-TM-069	8.0 – 9.5
pH of Solution	@ 5%	CN-TM-069	8.0 – 9.5
Specific Gravity	@ 60°F (16°C)	CN-TM-086	1.075 – 1.095
Bulk Density	Lbs/gal	-	9.05
Nitrites	-	-	No
Phosphates	-	-	Yes
Silicates	-	-	No

Recommended Concentrations

Immersion: 5 - 20% concentration; ambient

Maintenance: 15 - 20% concentration; ambient

Concentration Control

By titration:

1. Place (pipette) 50 ml sample of Techniclean 2000 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 2000 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	1	2	2	3	4

User Advice

Techniclean 2000 can be safely used on ferrous and aluminum substrates. Consult your Castrol Sales Engineer for questions regarding compatibility.

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