



Product Data

Castrol SuperClean™

Tough Task Cleaner/Degreaser

Description

Castrol SuperClean™ is an industrial-strength, breakthrough formula for tough cleaning tasks. Its unique two-step cleaning process makes it the most powerful and versatile cleaning fluid available. **Castrol SuperClean™** solubilizes greasy dirt on contact. It contains special ingredients that quickly break down and dissolve grease and dirt. Then, **Castrol SuperClean™** lifts the grease and dirt, neutralizing its ability to stick to the clean surface. Simply rinse it away to reveal a clean surface. If it won't come clean with **Castrol SuperClean™**, it won't come clean.

Performance Benefits

- Effectively removes a variety of soils, enabling users to consolidate the number of cleaning fluids used in the shop.
- Powerful, industrial strength formula can be used full-strength for tough cleaning jobs or diluted for lighter tasks.
- Solubilizes grease on contact.
- Removes grease, oil, wax and dirt quickly and effectively.
- Non-abrasive and non-flammable.
- Biodegradable and phosphate-free.

Metal Safety

Castrol SuperClean™ is safe to use on ferrous metals. Avoid prolonged contact with aluminum, painted surfaces and glass. Consult your Castrol Sales Engineer for questions regarding compatibility.

Recommended Applications & Dilutions

Immersion: 5 - 100% concentration; ambient

Maintenance: 5 - 100% concentration; ambient

Spray: 5 - 100% concentration; ambient

Ultrasonic: 5 - 100% concentration; ambient

Vibratory: 5 - 100% concentration; ambient

Effective dilution ratios depend on a variety of factors such as type of soil, type of surface, and contact time. Adjust dilution ratios based on the severity of the cleaning job. Always pre-test on an unexposed area to determine surface integrity and color fastness.



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Typical Characteristics

Appearance of Concentrate: Clear purple fluid
 pH of Concentrate: 13.2 - 13.6
 pH of Solution @ 5%: 12.1 - 12.5
 Specific Gravity @ 60°F (16°C): 1.04
 Bulk Density: 8.7
 Nitrites: None
 Phosphates: None
 Silicates: Yes

Concentration Control

By titration:

1. Place (pipet) 50 ml sample of **Castrol SuperClean™** solution into a flask or beaker.
2. Titrate 1.0 N sulfuric acid from a buret until reaching 4.6 on the pH meter.
3. The concentration of the **Castrol SuperClean™** 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:

Add 3 vials of **Castrol SuperClean™** solution and 1 pillow of indicator to mixing bottle. Count the drops of 1.0 N sulfuric acid required to change the color of the solution from green to pink.

Concentration % (v/v)	1	2	3	4	5	10
Drops	2	3	4	5	6	11

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the formulation occurring subsequent to the date of printing. Material Safety Data Sheets are also available for all Castrol Industrial North America products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.