



Product Data

Castrol Rustilo 4175

In-process aqueous corrosion preventive

Description

Castrol Rustilo™ 4175 is a synthetic in-process corrosion preventive. Rustilo 4175 produces a dry film residue that protects dried parts that are stored or stacked indoors, until assembly.

Application

- Can be used as a rinse and corrosion preventive in two-and three-stage washers.
- Light cleaner in one stage washers

Advantages

- Versatile product that can be used as a rinse and corrosion preventive in two- and three-stage washers.
- Economical product that can be used at 1 to 10% depending on the length of protection needed.
- Can be used as an additive in alkaline cleaners for additional protection.

Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	CN-TM-007	Clear to slightly hazy yellow fluid
Appearance of Dilution	-	CN-TM-007	Clear light yellow fluid
pH of Concentrate	-	CN-TM-069	9.0 - 10.0
pH @ 5% Dilution	-	CN-TM-069	8.5 - 9.5
Specific Gravity @ 60° F (16° C)	g/cm ³	CN-TM-086	1.06 - 1.09
Barium	-	-	No
Nitrites	-	-	No
Film Type	-	-	Imperceptible
Fingerprint Suppression	-	MW-TM-315	Yes

User Advice

Recommended applications and dilutions

Rustilo 4175 can be applied to both dry and wet ferrous parts by immersion, spray or flowcoat. It can be used on nonferrous parts, except aluminum, if they are dried after application. Rustilo 4175 mixes easily with water. Initially, a 5% concentration should be used. Then adjust the concentration to provide the desired level of protection. Depending on the parts and storage conditions, a 10% concentration of Rustilo 4175 will provide up to nine months protection. Rustilo 4175 may be heated to facilitate drying

With Hach kit:

Add 1 vial of Castrol Rustilo 4175 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 orange or pink.

Concentration % (v/v)	Drops
1	2
2	4
3	5
4	6
5	7
10	12

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