

SO CLEAN RP 300

RUST PREVENTATIVE

So Clean RP 300 is a semi-synthetic penetration oil rust preventative. It provides a dry-to-touch, non-tacky film.

So Clean RP 300 provides excellent corrosion protection over bare steel. An aqueous emulsion gives excellent stability at low concentrations (2% v/v) and higher temperatures (160°F) in soft and hard water conditions.

TYPICAL PROPERTIES:

Acid Number	8 - 11
Flash Point (min.) deg. F	360 °F
Pour Point (min.) F	60 °F
Weight per Gallon (lbs.)	8.5
Saponification Number	20 - 25
Specific Gravity @ 60 deg F	0.90 - 1.05

OPERATING CONDITIONS:

So Clean RP 300	2 - 25% v/v in water.	Concentration may be varied to provide optimum dryness.
Time	30 seconds to 3 minutes 2 minutes normal.	
Temperature	Room temp - 160 deg. F	
Application	Basket/barrel/immersion/spray	Allow to air dry.
PH	7 - 9	Do not allow solution to go below pH 7.

To raise pH, use Potassium Hydroxide 45% liquid.

Maintaining constant slow mixing is recommended, do not mix vigorously.

Read Material Safety Data Sheet before using this product.

DISCLAIMER:

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So Clean RP 300 Attachment

MAKE-UP PROCEDURE FOR EMULSION SOLUTION

- Charge tank 1/2 full with water. Heat it to 100 - 120 degF.
- Gradually add So Clean RP 300 to the water while mixing.
- Continue mixing and maintain slow agitation.
- Add the remaining water.
- Heat to required temperature.

ANALYSIS METHOD

1. Measure 50 ml sample of the **So Clean RP 300** solution into a 100 ml graduated cylinder.
2. Gradually add 50 mls of 50% Sulfuric acid solution
3. Mix thoroughly and allow to stand for one hour, (most of the separation will take place in the first few minutes).
4. Record of the number of mls of the top oily layer.
5. Multiply the mls of the oily layer by 2.0,

MLS oil layer x 2.0 = % **So Clean RP 300**.

Add So Clean RP 300 or water to reach the required concentration.

Water evaporation during operation and oil usage will cause a change in concentration. It is suggested that frequent concentration checks, at least every two hours, be made to insure maintaining the required operation concentration.

HAND REFRACTOMETER CONCENTRATION CHECK

<u>READING</u>	<u>%</u>	<u>RATIO</u>
3.0	3	32:1
4.0	4	24:1
5.0	5	19:1
6.0	6	16:1
7.0	7	13:1
8.0	8	12:1
9.0	9	10:1
10.0	10	9:1