



Iloform TRS 185

Synthetic forming fluid

Description

Castrol Iloform™ TRS 185 is a synthetic, oil rejecting welded steel tube forming fluid. It is stable in both hard and soft waters and it is able to settle dirt and to split tramp oil quickly. The product can provide indoor corrosion protection for steel tubes.

Application

Iloform TRS 185 has been developed to meet the requirements of carbon steel structural tube forming. It keeps the forming rolls on tube mills in a clean condition by removing mill scale build-up.

Conditions of Use

Concentration range: 5 - 8%

Water range: 100 - 800 ppm CaCO₃

Advantages

- Can provide temporary indoor corrosion protection for tubes
- Stable solutions in both soft and hard waters
- Rejects tramp oil to the surface of the fluid for easy removal which aids extension of fluid life and helps to minimise maintenance costs and downtime
- Settles chips quickly to maintain a clean working environment
- The fluid can be easily removed with alkaline cleaners

Typical Characteristics

Description	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear, colorless to amber liquid
Density @ 15.6 °C	CN-TM-084	g/ml	1.06
Appearance of Dilution	Visual	-	Clear, colorless to amber liquid
pH of Dilution (5% in deionized water)	CN-TM-069	-	9.1
Refractometer Factor	-	-	2.5

Additional Information

Additives	Boron	Formaldehyde releasing agent	Amines
	√		√

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

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