



## Iloform TRS 136

Synthetic forming fluid

### Description

Castrol Iloform™ TRS 136 is a synthetic, oil-dispersing fluid which inhibits staining and white corrosion on galvanized materials. This product is designed to exceed the rust prevention characteristics of typical tube mill fluids. The exceptional detergency of Iloform TRS 136 keeps tubes and forming rolls free of mill oil and scale. Its unique formulation provides excellent lubrication on mill rolls to prevent roll pickup.

### Application

Iloform TRS 136 is engineered to meet the requirements of galvanized mechanical tube forming as well as hot and cold rolled steel.

Iloform TRS 136 can be run effectively between 6% and 9% in water.

### Advantages

- Excellent detergency to wash mill oil and scale from tubes and forming rolls.
- Provides resistance to staining and white corrosion.
- Offers extended corrosion resistance for improved quality and appearance.
- Fluid carries away mill scale and tramp oils; later rejects tramp oils for easy skimming or filtration.
- Remains stable in both hard- and soft-water conditions.
- Washes easily from steel providing a clean surface for secondary coatings.
- Provides long central system life in high contamination environments.
- Good wetting action reduces drag-out and gives clean appearance to the tube surface.

### Typical Characteristics

Name	Method	Units	Value
Appearance	Visual	-	Clear amber fluid
Specific Gravity @ 15.6°C (60°F)	ASTM D1298 DIN 57157	-	1.05-1.07
Alkalinity, % KOH	CN-TM-006	% KOH	-
pH, Deionized water, 5%	ASTM E70-97	@5%	8.2-8.6
Bulk Density	ASTM D 1298	lbs/gal	8.8

### Concentration Control

The concentration of the Iloform TRS 136 can be easily measured with an Atago Model N1 refractometer. It is important to realize that refractometer readings are dependent upon the type of refractometer and water used.

Refractometer Reading (Brix)	Product Concentration (%)
1	2.5
2	5
3	7.5
4	10

## User Advice

Iloform TRS 136 can be easily removed with alkaline cleaners. Pressure filters or gravity filters are recommended for best results.

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