



Product Data

Iloform TRS 185

Synthetic Forming Fluid

Description

Castrol Iloform™ TRS 185 is a synthetic, oil-rejecting fluid specifically formulated to continuously clean the forming rolls of mill scale buildup. Iloform TRS 185's clean running nature, in both hard and soft water, allows mill scale and dirt to drop quickly and split tramp oil. Iloform TRS 185 works well in central systems with little or no filtration. The product's rust protection package provides extended indoor protection.

Applications

Iloform TRS 185 is engineered to meet the requirements of carbon steel structural tube forming.

Iloform TRS 185 can be run effectively between 5% and 8% in water.

Advantages

- Extended indoor rust protection.
- Remains stable in both hard and soft water.
- Quickly separates tramp oil and settles particulate to keep your fluid clean running, even in systems with high turnover rates and minimal retention times.
- Engineered to exhibit superior resistance to microbial attack for long system life regardless of system contamination.
- Unique lubrication package provides for long roll life.

Typical Technical Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Clear, colorless to light amber liquid
Appearance of Dilution (10%, 125 ppm water)	-	Visual	Clear, colorless to light amber liquid
pH of dilution @ 5%	-	ASTM E70-97	8.8 – 9.3
Specific Gravity @ 60°F	-	ASTM D 1298	1.05 – 1.07
Bulk Density	lbs/gal	ASTM D 1298	8.8

Boron Free	Lubricity Additive	Formaldehyde Free
		✓

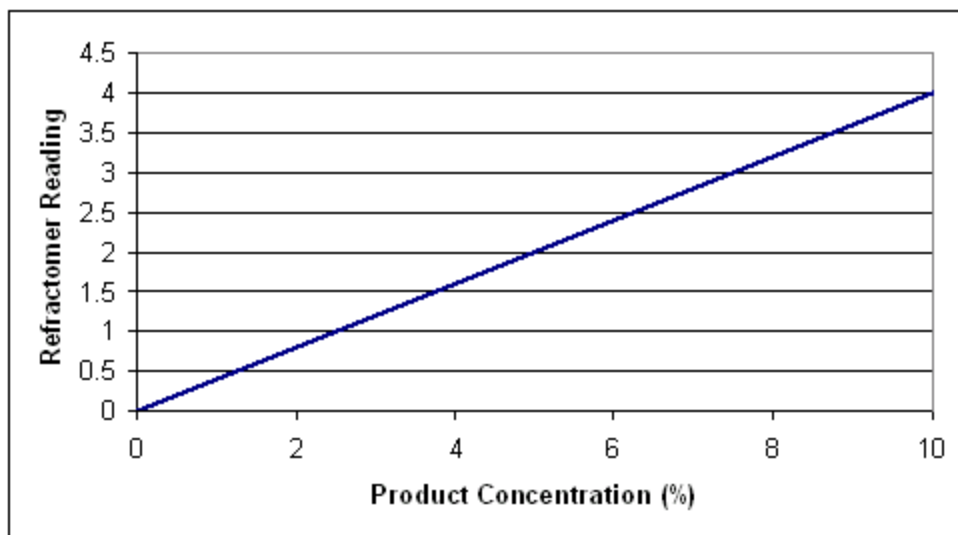
User Advice

Iloform TRS 185 can be easily removed with alkaline cleaners.

Pressure filters or gravity filters are recommended for best results.

Concentration Control

The concentration of the Iloform TRS 185 can be easily measured with an Atago Model N1 refractometer. The graph is a linear regression of actual readings from laboratory tests on laboratory prepared samples. It is important to realize that refractometer readings are dependent upon the type of refractometer and water used. Atago Model N1 refractometers are available through Castrol Industrial North America Inc



Castrol Iloform TRS 185
17 May 2011
Castrol, Iloform, and the Castrol logo are trademarks of Castrol Limited, used under license.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.