

Castrol Iloform TRS 11

Soluble forming fluid

Description

Castrol Iloform™ TRS 11 is a low oil, semi-synthetic roll forming coolant intended for use on both structural and mechanical tube mills. Its unique chemistry provides good microbial resistance without the use of formaldehyde releasing biocides. Iloform TRS 11 is chlorine free.

Application

Iloform TRS 11 is designed to meet the requirements of hot and cold rolled steel tube forming. Iloform TRS 11 can be run effectively between 5% and 10% in water.

Advantages

- Excellent detergency to produce cleaner finished tubes and equipment.
- Microbial resistant chemistry extends bath life.
- High performing lubrication package extends roll life.
- Good hard water stability.
- Excellent corrosion protection.

Typical Characteristics

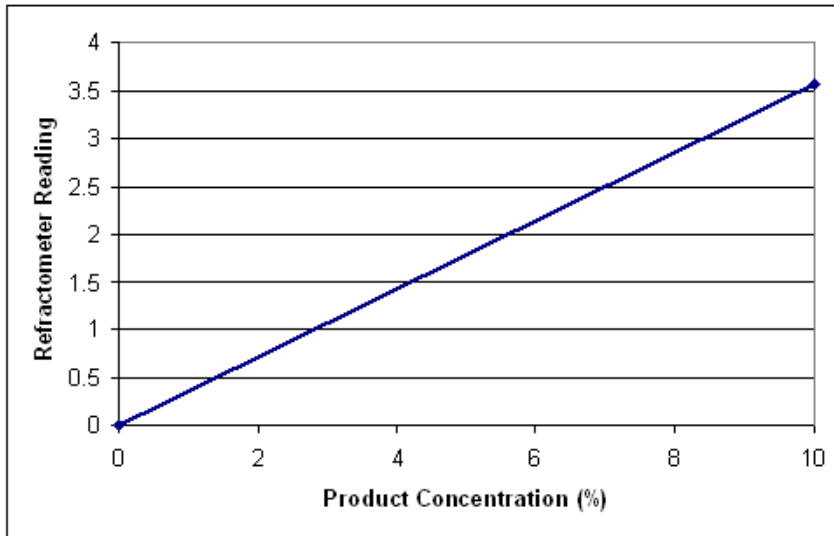
	Test Method	Unit	Value
Appearance of Concentrate	Visual	–	Clear amber liquid
Appearance of Dilution	Visual	–	Translucent white
pH of dilution @ 5%	ASTM E70-97 DIN 53891	@ 5%	9.6 – 9.9
Specific Gravity	ASTM D1298 DIN 51757	@ 60°F (15°C)	1.00 – 1.02
Bulk Density	ASTM D1298 DIN 51757	lbs/gal kg/m ³	8.4 1010

Boron Free	Lubricity Additive	Formaldehyde Free
		✓

Concentration Control

The concentration of the Iloform TRS 11 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 realise that refractometer readings are dependent upon the type of refractometer and water used.



User Advice

When charging a system, introduce the Iloform TRS 11 into the water to ensure proper formation of the emulsion.

Pressure filters or gravity filters are recommended for best results.

Iloform TRS 11 can be easily removed with mild alkaline cleaners.

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