



## Iloform TRS 6

Soluble forming fluid

### Description

Castrol Iloform™ TRS 6 is a high performance semi-synthetic metalworking fluid which is chlorine and boron free. It contains an additive package designed to provide excellent detergency and lubricating properties and high product stability.

### Application

Iloform TRS 6 has been developed in order to meet the requirements of hot and cold rolled steel tube forming, suitable for use in both structural and mechanical tube mills.

It can also be used in cutting and grinding operations on ferrous metals and aluminium alloys.

Iloform TRS 6 can be run effectively between 4% and 8% in water.

### Advantages

- Excellent detergency assists to wash off mill oil and scale from tubes resulting in cleaner finished tubes and equipment
- High bacterial and fungal resistance and good hard water stability supports long bath life
- High performing lubrication package helps reducing roll wear
- Excellent corrosion protection helps minimising scrap rate

### Typical Characteristics

Description	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear, light yellow liquid
Density @ 15 °C	ASTM D4052	g/ml	0.960
Appearance of Emulsion	Visual	-	Translucent liquid
pH, Distilled Water (3%)	ASTM E 70	-	9.7
Refractometer factor	-	-	1.6

## User Advice

Before using Iloform TRS 6 the first time it is recommended to clean out and sterilize the system with Castrol Techniclean MTC 43 at 1 – 3% dilution. The system cleaner can be added directly to the coolant system whilst still in operation.

Please consult the Product Data Sheet of Techniclean MTC 43 for further information.

When charging a system, introduce the Iloform TRS 6 into the water to ensure proper formation of the emulsion. Pressure filters or gravity filters are recommended for best results.

Iloform TRS 6 can be easily removed with mild alkaline cleaners.

## Storage

To avoid product deterioration always keep the container/drum tightly sealed. For optimum product stability, store between 5°C/41°F and 40°C/104°F in a cool, dry place away from direct sunlight.

Prevent exposure to frost and avoid water ingress. It is preferable to store the product indoors.

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

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