



## Iloform TRS 107

Synthetic forming fluid

### Description

Castrol Iloform™ TRS 107 (previously called Fluidform 107) is an oil-dispersing synthetic forming fluid. It is stable in hard water.

### Application

Iloform TRS 107 has been developed for tube mills producing furniture grade stock. It provides exceptional detergency to prevent smut build-up on rollers and surface demarcations on finished tubes.

Iloform TRS 107 reduces the need to manually clean rollers and finished stock. Iloform TRS 107 is also "clean-running", both tubes and work area remain free of oily residue when running this lubricant.

To remove the small particulate inherent to tube forming operations, positive filtration is recommended when using Iloform TRS 107.

### Conditions of Use

Concentration range: 3 - 8%

### Advantages

- Eliminates oily, graphitic smut to produce exceptionally clean stock.
- Promotes a clean work environment, thereby maintaining the high operator acceptance common to synthetic fluids.
- Resists microbial attack under normal shop conditions.
- Stable product; suitable for use in a wide range of water conditions.
- Suitable for a variety of applications and types of steel.

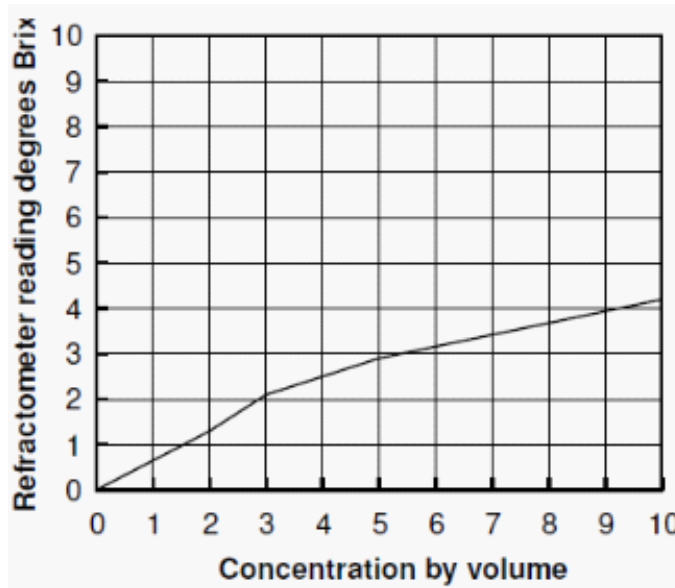
### Typical Characteristics

Name	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear amber fluid
Specific Gravity @ 15.6 °C / 60 °F	CN-TM-167	-	1.07
Appearance of Dilution @ 5%	Visual	-	Clear stable liquid
pH of Dilution @ 5% in deionized water)	CN-TM-069	-	9
Bulk Density	-	lbs/gal	8.9

## Concentration Control

% Concentration	Refractometer Reading
3.0	1.3
5.0	2.1
7.0	2.9
10.0	4.2

This chart was prepared with dilutions of distilled water using an Atago Model N1A refractometer. The graph is a linear regression of actual readings from laboratory tests. Therefore, the line may not always begin at 0,0 the absolute reading of distilled water. It is important to realize that refractometer readings are dependent upon the type of refractometer and water used. Atago Model N1A refractometers are available through Castrol Industrial North America Inc.



## Additional Information

Additives	Boron	Formaldehyde releasing agent	Amines
	ü		ü

## 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.

**This product was previously called Fluidform 107. The name was changed in 2015.**

Iloform TRS 107  
13 Jan 2015

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

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.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

[www.castrol.com/industrial](http://www.castrol.com/industrial)