



## Product Data

# Castrol Iloform RS 5116

Synthetic Forming Fluid

## Description

Castrol Iloform™ RS 5116 is a fully synthetic, oil rejecting coolant containing a blend of high performance lubricity additives and a corrosion inhibitor system which provide dependable performance, when diluted with water.

## Applications

Iloform RS 5116 is a versatile product, suitable for use in various forming applications, such as welded tube rolling, cold rolling as well as an internal diameter lubricant for tubular hydroforming applications.

Iloform RS 5116 can also be applied for deep drawing and sawing operations of steel material.

Typical concentration range: 4 -10%.

## Advantages

- Extended coolant service life
- Excellent surface finish
- Reliable protection against corrosion
- Easy to remove
- Suitable for non-ferrous metal applications
- Good demulsifying properties
- Good filterability

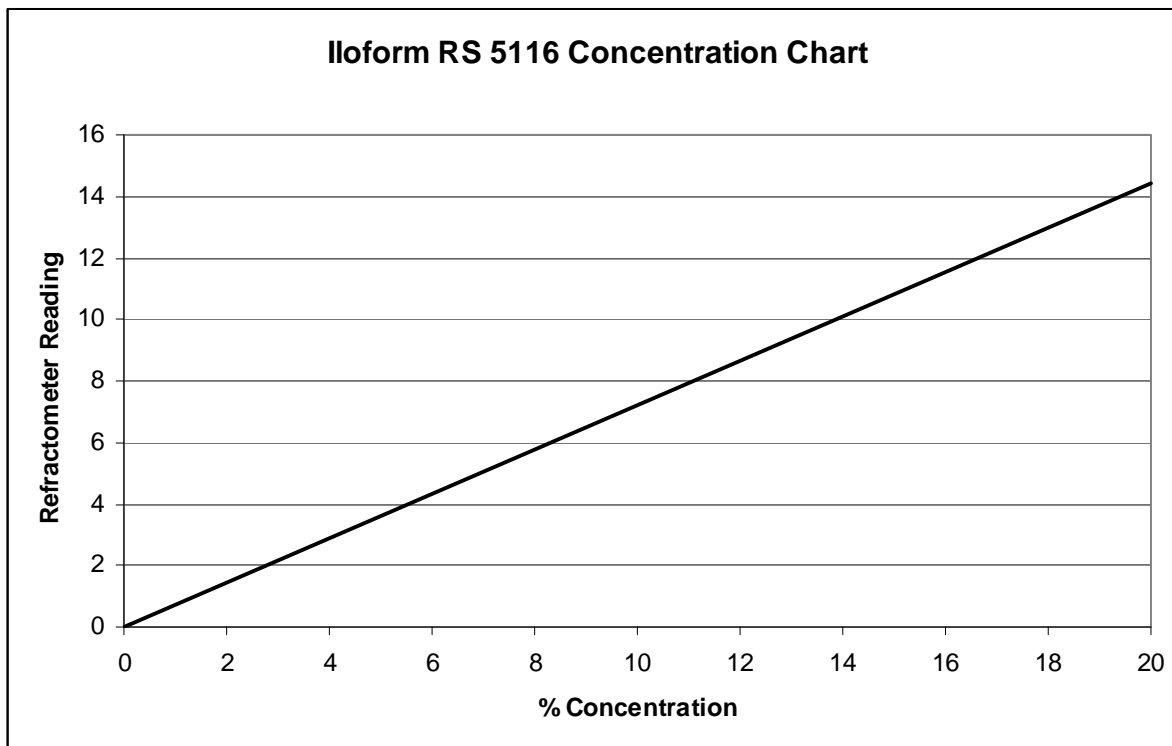
## Typical Technical Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Transparent Yellow Liquid
pH of dilution @ 5%	-	CN-TM-069	9.3
Specific Gravity @ 60°F	-	CN-TM-084	1.08
Bulk Density	lbs/gal	CN-TM-084	9.0

Ester	Sulfur	Phosphorous	Chlorine	Other
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## Concentration Control

The concentration of the Iloform RS 5116 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



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