



## 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.

### Application

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

### Characteristics

Ester	Sulphur	Phosphorous	Chlorine	Other
				✓✓✓

## Typical Physical Characteristics

	Test Method	Unit	Value
Appearance			Yellow
Relative Density @ 15°C	DIN 51 757	kg/m <sup>3</sup>	1082
Viscosity @ 40°C	DIN 51 562	mm <sup>2</sup> /sec	70
Mineral Oil content	DIN 51 417	% by volume	0
pH value 5%	DIN 51 361		9,1
Corrosion Protection	DIN 51 360/2		4% = Grade 0
Refractometer factor			1,35

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