

Iloform™ RS 200

Soluble rolling oil

Description

Castrol Iloform™ RS 200 is a mineral oil based emulsifying coolant containing a blend of high performance lubricity additives and a corrosion inhibitor system which provide dependable performance, when diluted with water. Iloform RS 200 is free of chlorine, secondary amines and boron.

Application

Iloform RS 200 is specifically designed for use in cold rolling applications of copper and copper alloys.

Conditions of Use

Concentration Range: 5 - 10% (in soft or ideally deionised water)

Advantages

- Forms an emulsion with a very stable droplet size distribution which ensures excellent and consistent lubrication properties. As a consequence this reduces roll wear ensuring a longer life time of the rolls.
- The advanced additive package provides low foam properties and effective corrosion protection.
- Long bath life possible which helps to increase the productivity and to reduce maintenance and disposal cost.

Typical Characteristics

Description	Test Method	Unit	Value
Concentrate			
Appearance	Visual	-	Clear, yellow-brown liquid
Density @ 15 °C / 59 °F	ASTM D4052 / ISO 12185	g/ml	0.92
Dilution			
Appearance (5% Emulsion)	Visual	-	White milky
pH (5% Emulsion)	ASTM E 70/97	-	8.3
Refractometer Factor	-	-	1

Subject to usual manufacturing tolerances.

User Advice

When charging a system, carefully introduce the Iloform RS 200 into soft or preferably deionised water to ensure proper formation of the emulsion (not vice versa!). Mixing equipment is recommended for best results.

Additional Information

Additives	Boron	Formaldehyde releasing agent	Lubricity Additive
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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.

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