

Syntilo 2110

Synthetic coolant

Description

Castrol Syntilo™ 2110 is a mineral oil and formaldehyde releasing agent free synthetic coolant. It contains an additive package that provides good corrosion protection to machine tools and parts.

Application

Syntilo 2210 is especially designed as a general purpose grinding fluid for ferrous metals.

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

	Cast Iron	Low -medium alloyed steel	High alloyed - stainless steel	Aluminium alloy	Titanium alloy	Tungsten Carbide
Grinding	ü ü	ü ü	ü			
Milling, Turning (general machining)						
Drilling						
Reaming, Tapping						
Broaching						

Advantages

- Low foam in recommended water conditions (see details below)
- Good anti-corrosion properties to protect machine tools and parts
- Formaldehyde releasing agent and nitrite free which help you to fulfil aspects of legislative requirements and waste treatment requirements where applicable

Typical Characteristics

	Test Method	Units	Value
<u>Concentrate</u>			
Appearance	Visual		Light Yellow
Mineral oil content	Calculated	Wt %	0
<u>Solution</u>			
Appearance	Visual		Colourless Clear
pH (2%)	DIN 51369 ASTM E70-97		9.6
Refractometer factor			1.8

Subject to usual manufacturing tolerances.

Recommended Concentrations

Grinding 2.5 – 5 %

Water Range 20 - 400 ppm CaCO₃

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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28 Jul 2016

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