

# Syntilo 25 K

Synthetic Coolant

## Description

Castrol Syntilo™ 25 K is a synthetic coolant which has been developed for use as a general purpose grinding fluid for ferrous metals. Syntilo 25 K exhibits good anti-corrosion properties coupled with improved misting properties.

## Application

Syntilo 25 K is developed for surface, cylindrical, double disk and centreless grinding.

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

... core application .. recommended application . suggested application, please consult Castrol representative

## Advantages

- Low foaming to insure continuous grinding performance
- Extend fluid life in central systems and individual sumps
- Chlorine, phenol and nitrite free for environmental compliance
- Settles chips quickly to prevent grinding wheel build-up and maintain a clean working environment

## Typical Characteristics

	Unit	Test Method	Value
<b>Concentrate</b>			
Appearance		Visual	Yellow, clear
Density at 15°C	kg/m <sup>3</sup>	DIN 51757 ASTM D 1298	ca. 1069
Mineral oil content	Vol. %	Calculated	0
<b>Solution</b>			
Appearance		Visual	Transparent
pH (5%)		DIN 51361 ASTM E70-97	ca. 9.8
Factor refractometer			2.1

## Recommended Concentrations

Grinding: 3-5%

## Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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