



# Castrol Syntilo 9930

Synthetic coolant

## Description

Castrol Syntilo™ 9930 is a synthetic coolant which has been developed for use as a general purpose grinding and light to medium duty machining fluid for ferrous metals. It forms a clear, stable solution in both hard and soft waters. Syntilo 9930 exhibits good anti-corrosion properties coupled with a high resistance to bacterial attack.

## Application

Syntilo 9930 is developed for surface, cylindrical, double disk and centreless grinding. This product is also recommended for milling, turning, boring and light drilling operation on cast iron and low carbon steel.

## Advantages

- Low foaming in all water conditions to ensure continuous grinding performance
- Inhibits microbial growth to extend fluid life in central systems and individual sumps
- Rejects tramp oil to the surface of the fluid for easy removal
- Chlorine, phenol and nitrite free for environmental compliance
- Maintains corrosion protection in hard water
- Settles chips quickly to prevent grinding wheel build-up and maintain a clean working environment

## Typical Physical Characteristics

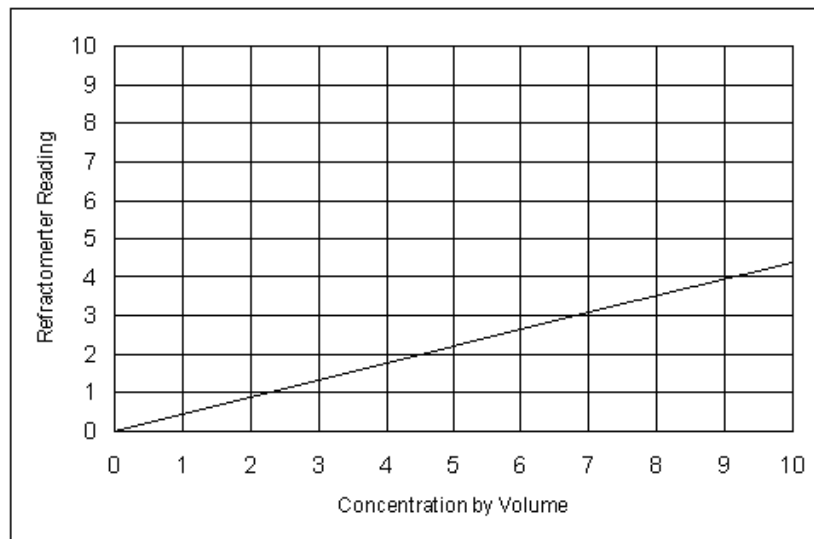
	Test Method	Unit	Value
<b>Concentrate</b>			
Appearance	Visual	Visual	Transparent, yellow
Density	DIN 51757 ASTM D 1298	kg/m <sup>3</sup>	1.050 – 1.085
	Calculated	lbs/gal	8.89
Mineral oil content	Calculated	Vol. %	0
<b>Solution</b>			
Appearance	Visual	Visual	Transparent
pH (5%)	DIN 51361 ASTM E70-97		8.9 – 9.4
Factor refractometer			2.3

## Recommended Concentrations

Grinding: 4-6%  
Machining: 4-8%

## Concentration Control

% Concentration	Refractometer reading
3.0	1.32
5.0	2.20
7.0	3.08
10.0	4.41



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