



Castrol Syntilo 9902

Synthetic coolant

Description

Castrol Syntilo™ 9902 is a synthetic coolant which has been developed for use as a general purpose grinding and light duty machining fluid for ferrous metals. It forms a clear, stable solution in both hard and soft waters. Syntilo 9902 exhibits very good anti-corrosion properties coupled with a high resistance to bacterial attack.

Application

Syntilo 9902 is developed for surface, cylindrical, double disk and centerless grinding and light machining applications.

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

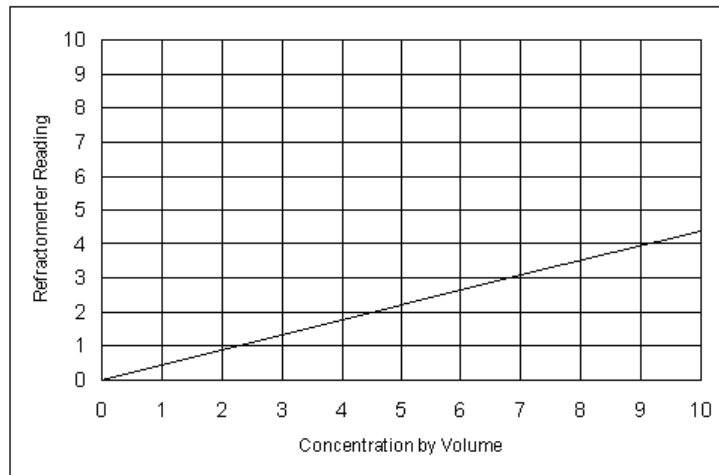
	Test Method	Unit	Value
Concentrate			
Appearance	Visual	Visual	Transparent, yellow
Density	DIN 51757 ASTM D 1298	kg/m ³	1.047 – 1.087
	Calculated	lbs/gal	8.89
Mineral oil content	Calculated	Vol. %	0
Solution			
Appearance	Visual	Visual	Transparent
pH (5%)	DIN 51361 ASTM E70-97		8.5 – 9.0
Factor refractometer			2.3

Recommended Concentrations

Grinding: 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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13 October 2008 Version 1