



Castrol Syntilo 9930 BF

Synthetic coolant

Description

Castrol Syntilo™ 9930 BF 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 BF exhibits good anti-corrosion properties coupled with a high resistance to bacterial attack.

Application

Syntilo 9930 BF 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
- Boron, 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

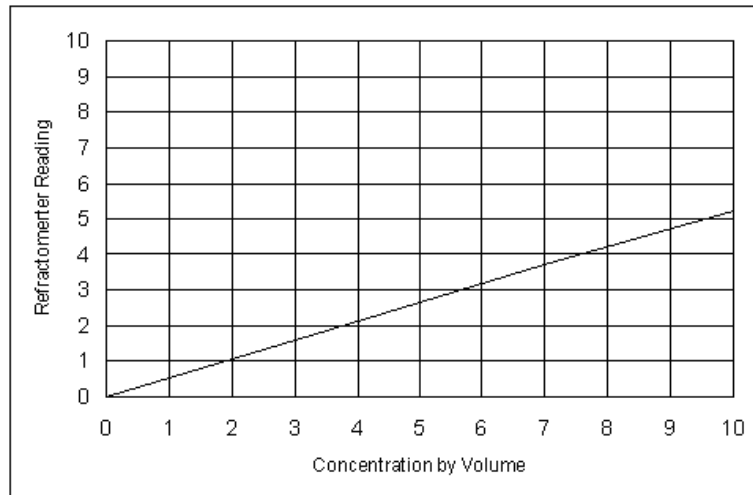
	Test Method	Unit	Value
Concentrate			
Appearance	Visual	Visual	Transparent, yellow
Density	DIN 51757 ASTM D 1298	kg/m ³	1.050 – 1.070
	Calculated	lbs/gal	8.83
Mineral Oil Content	Calculated	Vol. %	0
Solution			
Appearance	Visual	Visual	Transparent
pH (5%)	DIN 51361 ASTM E70-97		8.1 – 9.1
Refractometer Factor			1.9

Recommended Concentrations

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

Concentration Control

% Concentration	Refractometer Reading
3	1.58
5	2.63
7	3.68
10	5.26



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INTERNATIONAL All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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