



Product Data

Castrol Syntilo® 9902

Synthetic Grinding Fluid

Description

Castrol Syntilo 9902 is a synthetic fluid specially formulated for grinding and light-duty machining of ferrous metals. Syntilo 9902 settles chips quickly to provide free-cutting action, reduce cycle times and improve G-ratios. Syntilo 9902 provides corrosion protection and bioresistance.

Application

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

Advantages

- Rejects tramp oils to the surface of the fluid for easy skimming
- Resists rancidity and maintains corrosion protection in hard water
- Protects against bi-metallic corrosion caused by iron-copper or iron-aluminum couples
- Inhibits microbial growth to extend fluid life in central systems and individual sumps
- Settles chips quickly to prevent grinding wheel build-up and maintain a clean working environment

Typical physical characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Cear yellow fluid
Appearance of Dilution	-	Visual	Transparent yellow fluid
pH of Dilution	@ 5%	-	8.5 – 9.0
Specific Gravity	@ 60°F (16°C)	CN-TM-086	1.047 – 1.087
Bulk Density	lbs/gal	-	8.9
Chlorine	-	-	No
Nitrites	-	-	No
Phenols	-	-	No

User advice

Syntilo 9902 is recommended for grinding and light-duty machining of ferrous metals. Consult your Castrol Account Manager for questions regarding compatibility.

Recommended Applications & Dilutions

Grinding: 3 - 5%
Machining: 5 – 10%

Additional information

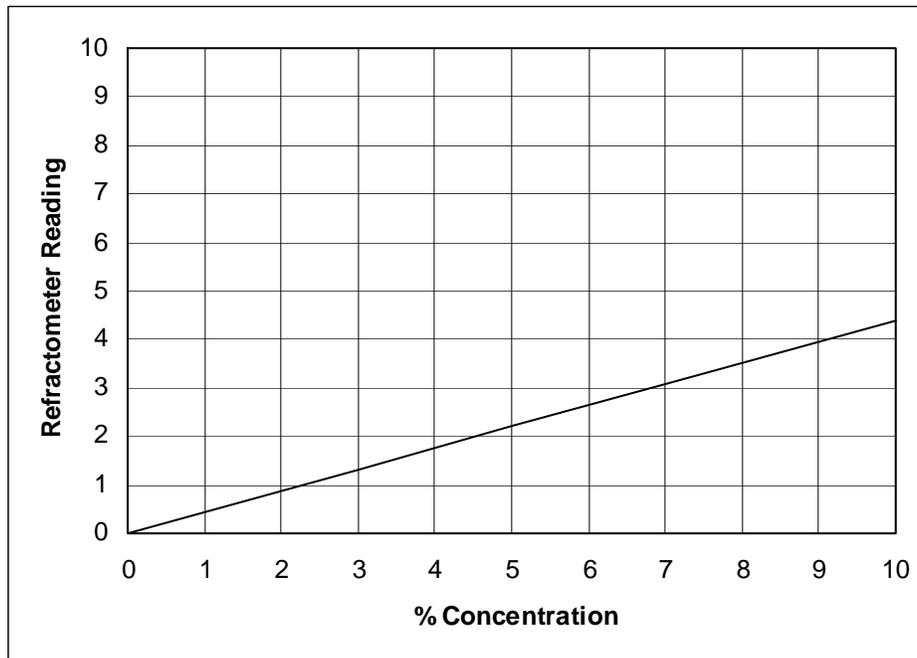
Concentration Control

Refractometer Reading

1.32
2.20
3.08
4.40

% Concentration

3.0
5.0
7.0
10.0



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