



Product Data

Castrol Syntilo® 9951

Synthetic Cutting and Grinding Fluid

Description

Castrol Syntilo 9951 is an economical synthetic cutting and grinding fluid. Syntilo 9951 is recommended for machining and grinding of ferrous metals, stainless steels and alloys. This oil-rejecting fluid offers the necessary cooling properties for high speed operations.

Advantages

- Rejects tramp oils to the surface of the fluid for easy skimming
- Inhibits microbial growth to extend fluid life in central systems and individual sumps
- Low foaming in all water conditions
- Transparent solution keeps machine surfaces and parts clean

Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Transparent yellow fluid
Appearance of Dilution	-	Visual	Clear amber fluid
pH of Dilution	@ 5%	-	8.5 – 9.1
Specific Gravity	@ 60°F (16° C)	CN-TM-086	1.030 – 1.060
Bulk Density	lbs/gal	-	8.8
Chlorine	-	-	No
Nitrites	-	-	No
Phenols	-	-	No

User advice

Syntilo 9951 is recommended for machining and grinding of ferrous metals and stainless steels. Staining may occur on some aluminum alloys with prolonged contact. Syntilo 9951 is incompatible with yellow metals, including brass valves and fittings that may be used as part of the machine tool. Consult your Castrol Account Manager for questions regarding compatibility.

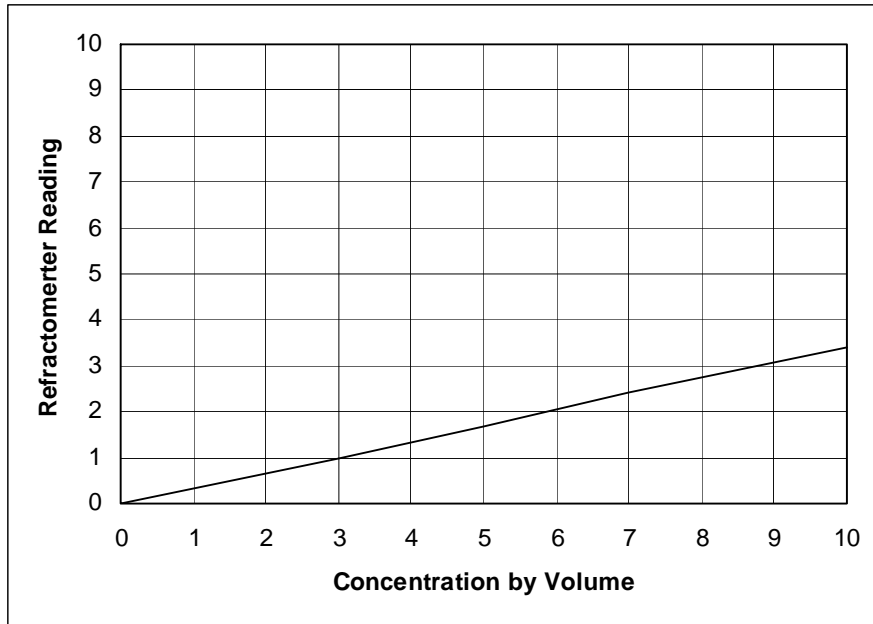
Recommended Applications & Dilutions

Grinding: 4 – 5%
Machining: 4 – 8%

Additional Information

Concentration Control

% Concentration	Refractometer Reading
3.0	1.0
5.0	1.7
7.0	2.4
10.0	3.4



Castrol Syntilo 9951
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