



Product Data

Castrol Syntilo[®] 9954

High Performance Synthetic Cutting and Grinding Fluid

Description

Castrol Syntilo 9954 is a high performance synthetic cutting and grinding fluid for ferrous metals. This oil-rejecting fluid performs the most difficult operations with superior performance. Syntilo 9954 performs exceptionally well as a replacement for straight cutting oils in applications such as gun-drilling and gear hobbing. Syntilo 9954 is a clean fluid capable of reducing overall production costs while satisfying the most critical machining requirements.

Advantages

- Incorporates a combination of surfactant technologies that provide increased lubrication versus conventional synthetic metalworking fluids
- Rejects tramp oils to the surface of the fluid for easy skimming
- Low foaming in all water conditions
- Inhibits microbial growth to extend fluid life in central systems and individual sumps
- Prevents bi-metallic corrosion and is safe to use in equipment with copper, brass or bronze components

Characteristics

	Unit	Test Method	Value
Appearance of Concentrate		Visual	Clear Blue fluid
Appearance of Dilution		Visual	Clear to slightly blue fluid
pH of Dilution	@ 5%		8.0 – 8.8
Specific Gravity	@ 60°F (16° C)	CN-TM-086	1.053 – 1.093
Bulk Density	lbs/gal		8.9
Chlorine			No
Nitrites			No
Phenols			No

User advice

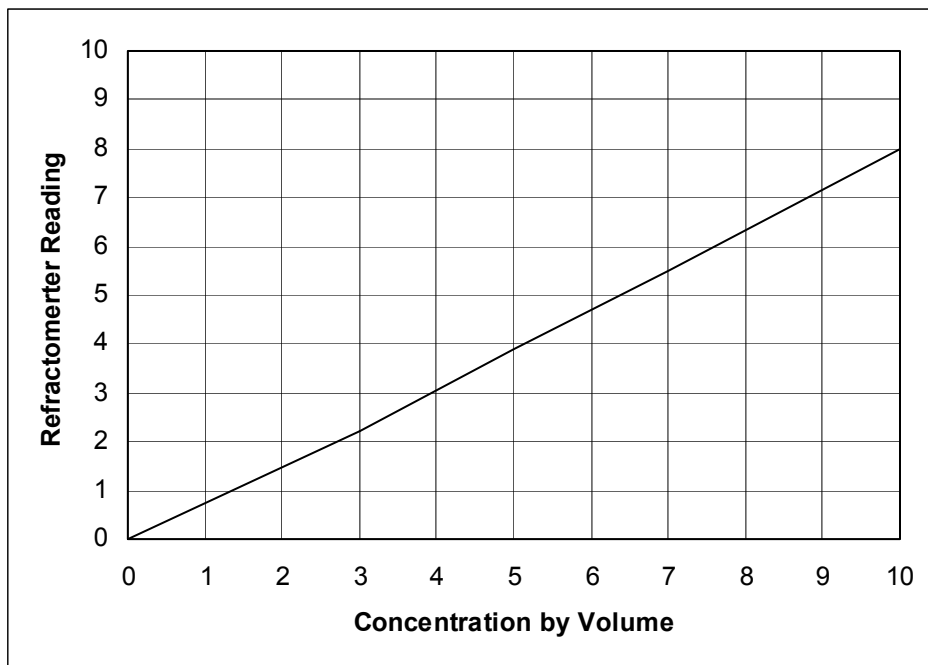
Syntilo 9954 is recommended for machining and grinding of ferrous metals including stainless steels and alloys. Consult your Castrol Account Manager for questions regarding compatibility.

Recommended Applications & Dilutions

Grinding: 3 – 6%
Machining: 5 – 10%

Additional Information Concentration Control

% Concentration	Refractometer Reading
3.0	2.2
5.0	3.9
7.0	5.5
10.0	8.0



Castrol Syntilo 9954
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