



Product Data

Castrol Syntilo® 9951

Synthetic Cutting and Grinding Fluid

Description

Castrol Syntilo® 9951 is an economical synthetic cutting and grinding fluid.

Castrol 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.

Performance Benefits

- 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

Metal Safety

Castrol Syntilo® 9951 is recommended for machining and grinding of ferrous metals and stainless steels. Staining may occur on some aluminum alloys with prolonged contact. **Castrol 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%

Typical Characteristics

Appearance of concentrate: Clear blue fluid

Appearance of dilution: Clear blue fluid

pH of dilution @ 5%: 8.4 – 9.2

Specific gravity @ 60° F (16° C): 1.05 – 1.07

Bulk density (lbs/gal): 8.8

Chlorine: No

Nitrites: No

Phenols: No

Castrol Industrial Americas

1001 West 31st Street
Downers Grove, IL 60515

Tel (800) 621 2661

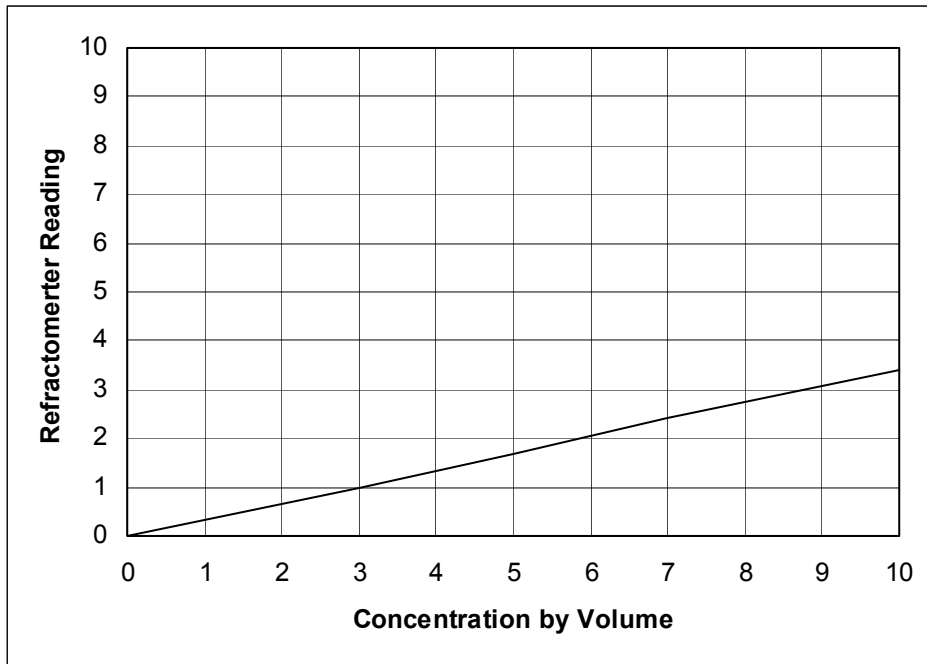
Fax (800) 986 6447



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Concentration Control

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



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 Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.