



Product Data

Castrol Clearedge 6519[®]

Premium Semi-synthetic Cutting and Grinding Fluid

Description

Castrol Clearedge 6519 is a premium semi-synthetic fluid for machining and grinding of ferrous and non-ferrous alloys. It is ideally suited for job shops that want a single fluid to machine a variety of metals. Castrol Clearedge 6519 is a clean product that provides dependable rancidity control when used in machine tools with individual sumps. However, the durable, long-lasting qualities of this versatile cutting fluid also make it an excellent choice for extended use in central systems.

Advantages

- Versatile fluid suitable for a wide range of applications on multiple metals
- Long fluid life in both individual sumps and central systems reduces overall costs
- Extreme pressure lubrication extends tool life and improves finishes
- Low maintenance fluid minimizes hassles such as frequent additive additions
- Resists bacteria to prevent rancidity and extend fluid life

Characteristics

	Unit	Test Method	Value
Appearance of Concentrate		Visual	Transparent, dark blue fluid
Appearance of Dilution		Visual	Translucent blue fluid
pH of Dilution	@ 5%	CN-TM-069	9.1 – 9.7
Specific Gravity	@ 60°F (16° C)	CN-TM-086	0.991 – 1.011
Bulk Density	lbs/gal		8.1
Chlorine			No
Nitrites			No
Phenols			No

User advice

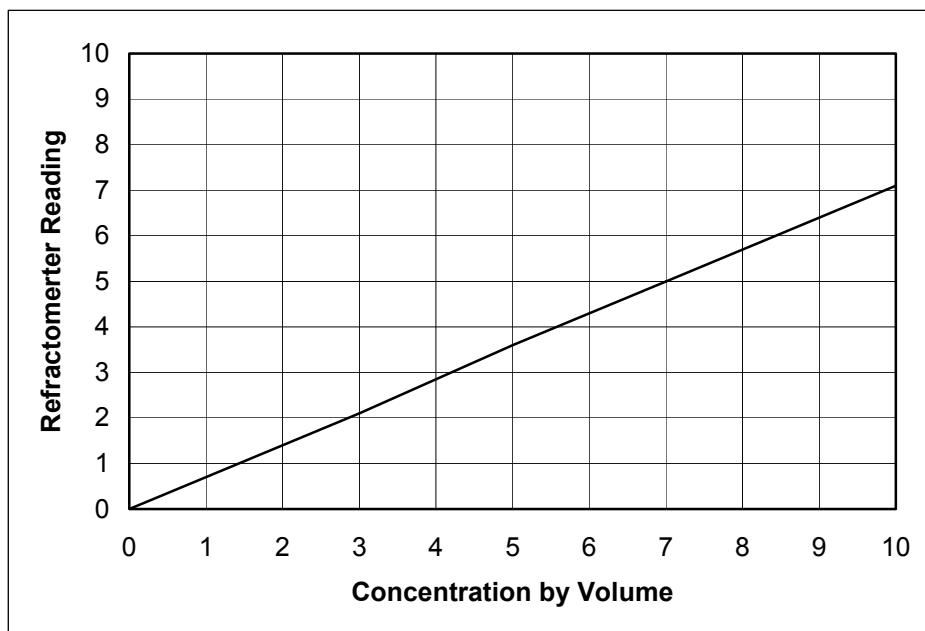
Castrol Clearedge 6519 is recommended for machining and grinding of ferrous and automotive aluminum alloys. Consult your Castrol Account Manager for questions regarding compatibility.

Recommended Applications & Dilutions

Grinding: 4 – 5%
Machining: 4 – 8%

Additional Information Concentration Control

% Concentration	Refractometer Reading
3.0	2.1
5.0	3.6
7.0	5.0
10.0	7.1



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