

PRODUCT INFORMATION

ANGLER

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AccuCool 551 SSx

General Purpose Metalworking Coolant Concentrate

DESCRIPTION

AccuCool 551 SSx represents the most up-to-date technology in the development of a semi-synthetic metalworking fluid. Formulated with specially selected, top quality components, **AccuCool 551 SSx** produces a clear micro-emulsion in all types of makeup water and contains no nitrites, phenols, diethanolamine, chlorine, or heavy metals. It is formulated with a strong rust inhibitor package, and is suitable for usage on both ferrous and non-ferrous metals.

AccuCool 551 SSx has been designed to function effectively as both a cutting fluid and a grinding coolant. It possesses superior lubricity characteristics and prevents welding of chips to cutting tools. Lubricity performance is achieved with a combination of physical lubrication from mineral oil, extreme pressure lubrication from top quality additives, and the cooling benefits of machining with high water content solutions.

APPLICATION

AccuCool 551 SSx is recommended for the machining and grinding of ferrous and non-ferrous alloys. Operations include: milling, turning, drilling, boring, and threading. Also, O.D. and I.D. grinding operations, including centerless and surface grinding.

MIXING RATIOS

When used for machining, mixing ratios will vary between 10 to 25 parts water to 1 part **AccuCool 551 SSx**. For grinding operations, 25 to 35 parts water to 1 part **AccuCool 551 SSx** is recommended.

REFRACTIVE INDEX

5%	-	2.0
7.5%	-	2.8
10%	-	3.6

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ADVANTAGES

- ~ Long coolant sump life
- ~ Resistance to microbiological growth
- ~ Improved tool life
- ~ Better finishes
- ~ Cleaner machines
- ~ Excellent work piece visibility
- ~ Excellent rust protection
- ~ Greater operator acceptance

TYPICAL SPECIFICATIONS

Appearance	Clear Amber Liquid
Odor	Bland chemical odor
Gravity, API @ 60 F	1.004
Density, lbs/gal @ 60 F	8.37
Sulfur Content	Nil
Chlorine Content	Nil
pH Value, 9% Concentration	9.2

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