

SEAL COOL 3990

PREMIUM SOLUBLE OIL METALWORKING FLUID

General Description

Seal Cool 3990 is a premium, high performance, emulsifiable metalworking fluid for heavy-duty machining and grinding of all metals including automotive and aerospace aluminum alloys. Seal Cool 3990 is formulated with a unique additive package, which enhances the machinability of the product while also offering exceptional biological control.

- Versatile – Used in variety of applications
- Excellent Corrosion Protection
- Safe and Mild
- Excellent Sump Life
- Superior Lubricity
- Cleanliness with Controlled Detergency
- Chlorine and Sulfur FREE

Typical Properties

Concentrate Appearance	Amber Fluid
Specific Gravity (pounds/gallon)	7.66
pH @ 10%	9.1
Odor	Bland
Residue	Liquid Film
Metal Compatibility	All metals

Storage and Handling

Seal Cool 3990 can be stored either indoors or outdoors. If outdoor storage is used, the product should be brought to room temperature prior to use. Product is not for internal consumption. Seal Cool 3990 is non-irritating and non-toxic when used properly.

Application

Honing, Tapping, Reaming	7-10%
Milling, Drilling, Turning	5-7%
Centerless, I.D., O.D., Grinding	3-5%

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Testing

REFRACTOMETER READING

2%	2.2
4%	4.5
6%	6.7
8%	9.0
10%	11.2

Regulatory Information

CAUTION: Eye and skin contact may cause irritation with prolonged contact. Harmful if swallowed. Do not get in eyes or on skin. Do not take internally.

Open drums slowly to vent. Handle with rubber gloves, rubber apron, chemical goggles, face mask, and rubber boots. Avoid breathing vapor or mist. When preparing solutions or making additions, add only to cool water with stirring. Improper addition of this product can cause splash-back, resulting in serious chemical burns. Eyewash and safety shower must be immediately available. Personnel handling this product should be acquainted with its characteristics and dangers. Do not mix with acids. Keep out of the reach of children.
L02-01

Consult MSDS for complete safety information.

Attention

When empty, the container may still be hazardous. Because containers, even after they have been emptied, still retain product residues (vapor, liquid or solid), all labeled hazard precautions must be observed. If emptied product containers of 119 gallons or greater volume are to be shipped, DOT requires the containers be triple rinsed (or equivalent) to remove any residue and DOT placards be removed or covered with plain placards before they can be shipped as empty containers.

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