

EXTREME CUT 3460

SEVERE DUTY SYNTHETIC METALWORKING FLUID

Description

Extreme Cut 3460 is a severe duty synthetic metalworking fluid for processes requiring best in class tooling protection and cooling properties. Extreme Cut 3460 is the “Do Anything” product in the market place.

The product is sulfur and chlorine free and suitable for all alloys. The product is an excellent choice for machining titanium and strategic alloys yet versatile enough to machine aluminum, cast iron, and carbon steels.

Additionally, Extreme Cut 3460 has excellent tramp oil rejection and a chemistry that creates zero foam during machining processes. These characteristics, along with the biostatic nature of Extreme Cut 3460, provide a product that has indefinite sump life.

Extreme Cut 3460 is approved for MIL STD 2041-D naval nuclear operation and suitable for aerospace and medical applications.

Features & Benefits

- Excellent cooling properties
- No defatting of skin (doesn't cause dermatitis)
- Tri-phase corrosion inhibitor package
- Will not rust machines
- No “gummy” buildup on machines
- Best in class resistance to bacteria growth
- Exceptional tramp oil rejection
- Non foaming chemistries

Health & Safety

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

Physical Data

Appearance:	Blue
Diluted Appearance:	Clear Blue
Solubility	Water
Odor:	Mild Industrial
Specific Gravity:	1.03
Concentrate pH:	9.0
pH, 5 % dilution:	8.5
Freeze/Thaw Cycles:	Passed 3x

Application & Usage

Precision Fluids recommends using our Super Green cleaner before adding Extreme Cut 3460 to a machine.

The recommended concentration for Extreme Cut 3460 is 10% for optimum results. However, results for any operation can only be determined through testing.

Maintaining the coolant at its optimum concentration is achieved through daily refractive index checking.

No special precautions are necessary with respect to seals or valves.

Refractive Index Monitoring (1.4X multiplier)

Percent	Ratio	Refractometer Reading
5	19 to 1	3.5
10	9 to 1	7.0
15	6 to 1	10.5
20	4 to 1	14.0

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