

EXACT CUT 3465

SYNTHETIC METALWORKING FLUID

Description

Exact Cut 3465 is a severe duty synthetic metalworking fluid for processes requiring significant cooling of the tool and work piece interface. It is especially suited for pipe and coupling threading and other long production runs.

The product is sulfur and chlorine free and suitable for all alloys. The product is an excellent choice for machining all forms of iron and steel as well as titanium and strategic alloys including aluminum. Additionally, Exact Cut 3465 has excellent long term sump life properties. The product creates no foam during production runs and has best in class resistance to bacteria and fungus. Exact Cut 3465 is biodegradable and environmentally safe.

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
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 Exact Cut 3465 to a machine.

The recommended concentration for Exact Cut 3465 is 8-10% 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 (2X multiplier)

Percent	Ratio	Refractometer Reading
5	19 to 1	2.5
10	9 to 1	5.0
15	6 to 1	7.5
20	4 to 1	10.0

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