

## SPF ULTRA, GEN II 3343

### HIGH PRESSURE METALWORKING FLUID FOR SEVERE WEAR APPLICATIONS

#### Description

SPF-Ultra, Gen II 3343 is a neo-synthetic metalworking fluid designed for heavy duty machining with high pressure coolant applications. The product is found in systems with pistons and positive displacement pumps that increase coolant pressure up to 2000 psi.

The extreme pressure and anti-wear agents in SPF-Ultra, Gen II 3343 are designed to provide protection at various temperatures of the tool/work piece interface. This product provides best in class machining performance and is designed specifically for severe wear jobs. Many oil-based systems have been converted to water soluble using SPF-Ultra, Gen II 3343.

The product provides excellent rust protection due to a proprietary tri-phase corrosion inhibitor package. Significant increases in sump life are achieved with SPF-Ultra, Gen II 3343, due to its biostatic nature.

#### Features & Benefits

- Designed for high pressure machining systems
- Low to no foam
- Extended tool life with increased production rates
- Best in class resistance to bacteria growth
- Exceptional tramp oil rejection
- Outstanding surface finish
- Compatible with yellow and white metals

#### 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:	Amber
Diluted Appearance:	Milky White
Solubility	Water
Odor:	Mild Industrial
Specific Gravity:	0.9843
Concentrate pH:	9.8
pH, 5 % dilution:	9.4
Freeze/Thaw Cycles:	Passed 3x

#### Application & Usage

Precision Fluids recommends using our Super Green cleaner before adding SPF-Ultra, Gen II 3343 to a machine.

The recommended concentration for SPF-Ultra, Gen II 3343 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 (1.0X multiplier)

Percent	Ratio	Refractometer Reading
5	19 to 1	5.0
10	9 to 1	10.0
15	6 to 1	15.0
20	4 to 1	20.0

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