

SYN-TECH 3320

FIGHTING GRADE NEO-SYNTHETIC METALWORKING FLUID

Description

Syn-Tech 3320 is a “fighting grade” neo-synthetic fluid used to machine all alloys. The product is an economical choice for less demanding operations that do not require the extreme lubricity and wear protection that other products in our line of Neo-Synthetics provide.

Efficient lubricity and cooling are achieved through the incorporation of highly refined mineral oils and polymeric wetting agents.

Syn-Tech 3320 provides excellent rust protection due to a proprietary manufactured tri-phase corrosion inhibitor package. The product is free of ethanolamines.

Additionally, significant increases in sump life are achieved due to the biostatic nature of the product

Features & Benefits

- “Fighting Grade” metalworking product
- Significant sump life increases
- Low to no foam
- Biostatic chemistry
- Exceptional tramp oil rejection
- Free of all ethanolamines
- 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: | Clear Blue |
| Diluted Appearance: | Translucent Blue |
| Solubility: | Water |
| Odor: | Mild Industrial |
| Gravity: | 1.01 |
| Concentrate pH: | 9.8 |
| pH, 5 % dilution: | 9.4 |
| Freeze/Thaw Cycle: | Passed 3x |

Application & Usage

Precision Fluids recommends using our Super Green cleaner before adding Syn-Tech 3320 to a machine.

The recommended concentration for Syn-Tech 3320 is 10% for optimum results. However, best results for any operation are 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 (2.8X multiplier)

| Percent | Ratio | Refractometer Reading |
|---------|---------|-----------------------|
| 5 | 19 to 1 | 1.8 |
| 10 | 9 to 1 | 3.6 |
| 15 | 7 to 1 | 5.4 |
| 20 | 4 to 1 | 7.2 |

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