

FLUIDTECH TECHNICAL DATA SHEET

semi-synthetic

FLUIDTECH 220 Semi-Synthetic / Moderate Duty

DESCRIPTION

A moderate duty, non-chlorinated semi-synthetic water soluble cutting and grinding fluid. It is manufactured for turning, milling, drilling, sawing, and grinding. It will increase blade, tool, or wheel life and production. The raw materials are designed to resist bacteria and fungus. It provides long term worry free sump life. This product can be used on ferrous and nonferrous metals.

ADVANTAGES

- DOES NOT CONTAIN CHLORINE, SULPHUR, OR PHOSPHOROUS • PROVIDES LONG SUMP LIFE
- EXCELLENT TRAMP OIL REJECTION • MILD PLEASANT ODOR • GOOD CORROSION PROTECTION

RECOMMENDED STARTING DILUTIONS

Operation	Carbon Steels, Cast Steels	High Alloy Steels, Stainless Steels	Aircraft, Tool Steels	Copper, Aluminum
Machining- Milling, Drilling, Turning	1:20 (5.0%)	1:20 (5.0%)	1:15 (6.7%)	1:20 (5.0%)
Grinding	1:25 (4.0%)	1:25 (4.0%)	1:20 (5.0%)	1:25 (4.0%)
Reaming, Tapping, Sawing, Broaching	1:10 (10.0%)	1:10 (10.0%)	1:10 (10.0%)	1:10 (10.0%)

PHYSICAL PROPERTIES

Form Liquid
Color Blue or Undyed (Amber)
Specific Gravity 1.02
Flash Point None
Odor Mild
pH @ 5% conc..... 9.2

REFRACTOMETER READINGS

Dilution Ratio	1:10 (10.0%)	1:15 (6.7%)	1:20 (5.0%)	1:25 (4.0%)	1:30 (3.3%)
Refractometer Reading	3.1	2.1	1.6	1.4	1.2

AVAILABILITY

Blue
A-FT220-05 5 Gal Pail
A-FT220-55 55 Gal Drum
A-FT220-275 275 Gal Tote
Undyed
A-FT221-05 5 Gal Pail
A-FT221-55 55 Gal Drum
A-FT221-275 275 Gal Tote