

# FLUIDTECH TECHNICAL DATA SHEET

## semi-synthetic

### FLUIDTECH 240 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 in individual machine sumps or central systems. It will increase blade, tool, or wheel life and production. It is designed to resist bacteria and fungus and provide long-term worry-free sump life. This product can be used on ferrous and nonferrous metals including aluminum, brass and copper.

#### ADVANTAGES

- DOES NOT CONTAIN CHLORINE, SULPHUR, OR PHOSPHOROUS • SUPERIOR BLADE, TOOL AND WHEEL LIFE
- 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  
Specific Gravity ..... 1.01  
Flash Point ..... None  
Odor ..... Mild  
pH @ 5% conc. .... 9.5

#### 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	4.8	3.3	2.3	1.9	1.6

#### AVAILABILITY

A-FT240-05 5 Gal Pail  
A-FT240-55 55 Gal Drum  
A-FT240-275 275 Gal Tote