

# FLUIDTECH TECHNICAL DATA SHEET

## semi-synthetic

### FLUIDTECH 230 Semi-Synthetic / Moderate Duty

#### DESCRIPTION

A moderate duty semi-synthetic water soluble cutting and grinding fluid. 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. It is manufactured for turning, milling, drilling, sawing, and grinding on both 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%)	1:15 (6.7%)	1:10 (10.0%)	1:20 (5.0%)
Grinding	1:20 (5.0%)	1:20 (5.0%)	1:20 (5.0%)	1:20 (5.0%)
Reaming, Tapping, Sawing, Broaching	1:15 (6.7%)	1:10 (10.0%)	1:10 (10.0%)	1:15 (6.7%)

#### PHYSICAL PROPERTIES

Form .....	Liquid
Color .....	Blue
Specific Gravity .....	1.025
Flash Point .....	None
Odor .....	Mild
pH @ 5% conc.....	9.8

#### 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	3.0	2.1	1.7	1.3	1.2

#### AVAILABILITY

Blue	
A-FT230-05	5 Gal Pail
A-FT230-55	55 Gal Drum
A-FT230-275	275 Gal Tote