

# FLUIDTECH TECHNICAL DATA SHEET

## semi-synthetic

### FLUIDTECH 290 Semi-Synthetic / General Purpose

#### DESCRIPTION

A semi-synthetic coolant that has almost no odor, is low foaming, and provides excellent bioresistance for long life in both individual sumps and large central systems.

Forms a translucent emulsion that protects machines and parts from corrosion without depositing tacky or slippery residues. This coolant runs very clean with minimal drag out and quickly rejects tramp oils. With excellent lubricity, long sump life and low maintenance, this fluid can help reduce the number of products being used in a facility.

#### ADVANTAGES

- CLEAN FLUID - LEAVES NO STICKY DEPOSITS ON MACHINE OR PARTS
- EXCELLENT CORROSION PROTECTION
- LOW FOAM
- VERY STABLE EMULSION IN HARD WATER
- ODOR-FREE FOR EXTENDED PERIODS

#### 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 ..... Amber  
Specific Gravity ..... 0.98  
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	6.5	4.7	3.9	3.4	2.4

#### AVAILABILITY

A-FT290-05 5 Gal Pail  
A-FT290-55 55 Gal Drum  
A-FT290-275 275 Gal Tote