

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