



S-8030 **Synthetic Metalworking Fluid**

S-8030 is a **medium duty**, oil-rejecting synthetic coolant formulated for all types of ferrous metals and alloys. It is ideal for turning of all metals or machining of steels. This coolant contains no DEA, chlorinated, sulfurized, or phosphorus-containing additives. **S-8030** also is fortified against micro-organism attack through the incorporation of a bactericide / fungicide package. **S-8030** provides excellent corrosion protection where other synthetics have failed.

KEY PERFORMANCE BENEFITS

- Excellent Corrosion Inhibition (No Corrosion @ 24 hours at 33:1 Dilution)
- Excellent Hard Water Stability (Transparent Solution @ 24 hours in 600ppm H₂O)
- Low Foaming Tendency (Complete foam collapse within 10 sec.-Waring blender)
- Complete Oil Rejecting Properties for Clean Running Machines and Parts

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance	Clear Blue
Specific Gravity, 60/60°F, (15.6°C)	1.06
Density (lb/gal)	9.04
pH Value, Neat	10.1
pH Value, 5% concentration	9.3
Total Alkalinity (meqHCL/g)	16.7

MIXING RECOMMENDATIONS

S-8030 has a multiplier of 2.0 times the refractometer reading to determine the actual concentration.

Light machining:	4-6%
General purpose machining:	6-8%
Difficult machining:	8-10%