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Soluble Cutting Oil SC-10™

Product Data Sheet

General Information

- Full formulated, water soluble cutting oil
- Recommended for a wide range of machine applications
- Contains multiple metalworking technologies, including ionic bonding agents & metal film strength reducers
- Contains **Muscle Metal Treatment MT-10®** technology for lubricity enhancement & friction-reducing properties

Typical Applications & Emulsion Ratios

- Light machining of soft to medium hardness steel
Typical emulsion ~ 20:1
- Grinding operations requiring excellent cooling & a lower ratio
Typical emulsion ~ 40:1

Key Features & Benefits

- Extends tool life over conventional soluble oils
- Contains industry level biocide to reduce rancidity problems
- Provides smoother finishes
- Enhances cutting ability
- Protects parts & equipment from rust
- Excellent cooling properties
- Forms a stable emulsion

- Provides process visibility (milky white in appearance)

Container Availability

- 1 & 5 U.S. gallon (3.8 L & 18.9 L)
- 55 U.S. gallon drum (208 L)

Directions for Use

Reduce **SC-10™** with water to the desired ratio depending on the application (see Typical Applications to the left).

Please review product SDS before use.

Typical Properties

Appearance Dark amber liquid
Odor: Strong
pH 9.0 D-1287
Initial boiling point 257°F (125°C) D-1120
Flash point: 305.6°F (152°C) D-93
Specific gravity @ 60°F 0.9383 D-1298
Density ~ 7.59 lbs per gal (U.S.)
Solubility Dispersible in water
Viscosity @ 40°C 40.09 cSt D-445
Viscosity @ 100°C 6.39 cSt D-445

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