

TRUEGARD SOLUBLE 100

WATER SOLUBLE FLUID



DESCRIPTION

TRUEGARD SOLUBLE is a general purpose soluble oil for light to moderate duty machining on a wide range of materials.

TRUEGARD SOLUBLE is high mineral oil containing soluble for easy to medium duty machining, including grinding, on a wide variety of materials including as well ferrous as non-ferrous metals.

CONCENTRATION CHECK

The concentration varies depending on the type of machining operation, the water hardness and the required inter-operational corrosion protection. The recommended concentration for use in medium water hardness is:

General machining:	6 – 8 %
Heavy duty machining:	8 – 12 %

DATA (TYPICAL VALUES)

Appearance	Amber liquid
Appearance, 5% emulsion	Milky emulsion
Pounds per Gallon, 75°F	7.3 - 7.5
Refractometer Factor	1

FEATURES / BENEFITS

- High lubricity – high mineral oil content of emulsions provides excellent tool lubrication.
- Emulsion stability – readily emulsifies to form stable emulsions in a wide range of water hardness.
- Good corrosion protection – for both machine and workpieces.
- Low foaming
- Wide application range – suitable for use with a wide range of general engineering materials.
- Cost effective
- Enhanced lubricity provides extended tool life and reduces tooling cost.
- Provides improved part finish which reduces overall cost through reduced rework and scrap rates.