

Features

- Non-scouring
- Does not irritate skin
- Increases production as well as tool life
- Water soluble
- Compatible with hard water
- High resistance to bacteria attack
- Flame-resistant
- Highly concentrated, non-foaming
- Dilutes clear for visibility
- Reduces smoke/fume accumulations



Description

KOOL-IT #2 is an all-purpose coolant that is very low foaming and extremely versatile. KOOL-IT #2 remains transparent in all dilutions, an important quality when visibility is essential. This clear lubricant is designed for machining, cutting, tapping and grinding on all steels and non-ferrous metals. It is fortified with rust and corrosion inhibitors. KOOL-IT #2 is highly concentrated, may be diluted up to 1:25 in most applications and 1:15 in more demanding applications.

Applications

- | | | |
|-----------------|-------------------|--------------------|
| • Carbon steel | • Aluminum alloys | • Stainless steel |
| • Bronze | • Chromium steel | • Beryllium copper |
| • Titanium | • Vanadium | • "Inconel" |
| • Boron carbide | • "Monel" | • Molybdenum |

(May be used for reaming, boring, sawing, tapping, threading and machining the above materials)

Directions

May be used with or without water dilution depending on the job requirements. This product dilutes clear in all proportions for complete job visibility. It is suggested that more difficult job trials be made with the fluid as is. If the results are satisfactory, further dilution up to 1:15 can be tried to determine the most economical dilution.

Product Characteristics

Appearance	Clear, straw to light amber liquid
Odor	Odorless
Flash Point (method used)	No Flash (standard)
Specific Gravity (H ₂ O=1)	1.04
pH	9.5
Solubility	Complete
Evaporation Rate (Butyl Acetate=1)	N/A
Boiling Point	208°F
Vapor density (Air=1)	N/E
Vapor pressure (mmHg)	N/E
Storage	Store in a cool, dry area. Keep from freezing. Keep container closed when not in use. Keep out of reach of children.
Transportation information	
Class #	70
NFMC	50455

Health	1
Flammability	0
Reactivity	0
Personal Protection	B