

NEERMAL +

Wire Cut EDM Corrosion Inhibitor

Description

- Blue clear fluid
- Water soluble corrosion inhibitor and cleaner
- Transparent blue when mixed in water

Application

- Wire cut EDM corrosion inhibitor
- Wire cut EDM cleaner
- Mixing concentration 0.5% to 1.0% maximum

Material Compatibility

- Ferrous
- Yellow metals

Water Compatibility

- De-ionized water only

Advantages

- Non-ionic, hence does not affect the de-ionizing resin.
- Low concentrations of 0.5% to 1.0% make it cost effective.
- No alteration in conductivity as the product's conductivity is zero.
- No effect on cutting efficiency of the machine.
- Helps flushing off the spark gap so as to improve the accuracy.
- No reaction with steel, non-ferrous or graphite material.
- Non-toxic and non-hazardous.
- Can be removed with water.
- ECO Friendly.

Lubeco
GREEN FLUIDS
TM

Free From Added

- ✓ Harmful solvents
- ✓ Silicon Oil Defoamers
- ✓ Nonyl Phenol and NP Ethoxylates

Typical Physical Properties

- | | |
|-------------------------------------|------------------|
| 1. Appearance: | Blue clear fluid |
| 2. Odour: | Typical organic |
| 3. Specific Gravity: | >1.00 |
| 4. Ph Of 0.5% Solution: | Neutral |
| 5. Flash Point: | NA |
| 6. Defoaming:
(0.5% in DM Water) | Nil (30 Seconds) |

PRODUCT MIXING

PTCPL advise the use of automated mixing systems. Mixing manually, always add the concentrate to the water with maximum agitation, if water is added to the concentrate, the emulsions may prove unstable. Avoid mixing with very cold concentrate or water. Check emulsion strength using a calibrated refractometer. Details of where to purchase equipment and how to use it are available from the PTCPL Technical Department.

PRODUCT MANAGEMENT

The working concentration should be carefully controlled and monitored on a daily basis as higher and lower working concentrations have health and safety implications. Machines should be cleaned out regularly. Fluid and particulate contaminants should be kept to a minimum. This is important especially in terms of bacterial control and is in line with the latest advice from government and professional sources. Detailed reference sources are given in the MSDS.

