

Technical Data Sheet



RLT-P200

Water soluble corrosion inhibitor

Description

RLT-P200 is a high-quality and high-efficiency water-soluble corrosion inhibitor. The product has excellent water solubility, transparent water solution and excellent rust resistance. It is suitable for anti-rust of ferrous metals in the process of machinery manufacture and maintenance, semi-finished products and finished products. It is suitable for iron series materials such as cast iron, carbon steel and alloy steel. iron materials.

Features and benefits

- Strong rust resistance, good protection for ferrous metals at low concentration.
- Good water - soluble, can be mixed with water in any proportion.
- Low residue, easy to clean by water - based cleaner or solvent cleaner.
- Good adaptability to hard water.
- Waste liquid treatment is convenient and environmentally friendly.

Typical physical and chemical properties

| Test item | Test method | Technical index |
|---|------------------------------|---------------------------|
| Appearance | Visual test | transparent |
| Diluent appearance, 1%wt | Visual test | Colorless and transparent |
| PH value, 1.5% wt | PH meter | 8.5-9.5 |
| Rust protection (cast iron, 0.5%wt, 18-25°C, 2h) | JB/T9189-2010 | Grade 0, no rust |
| Corrosion (45# steel, 55±2°C full immersion, 168h) | GB/T 6144 | Qualified |
| Nitrite, mg/L | Precision nitrite test paper | None |

Application

Water miscible metal working fluids (synthetic and semi synthetic MWF)

- Metal working emulsions and solutions (for tank-side addition)
- High water based hydraulic fluids (type HFC)
- Water-based metal cleaning concentrates
- Metal cleaning solutions (for tank-side addition)

Usage

1. Recommended concentration:3%-5%.The use concentration can be adjusted appropriately according to the requirements of rust prevention.
2. Working temperature: normal temperature can be used, heating can improve drying efficiency, but do not boil, otherwise the concentration changes greatly.
3. Treatment time: soak for 2-5 minutes, spray for 2 minutes.
4. Before processing: before rust-proof treatment, the workpiece needs to remove the original rust, otherwise it will affect the effect of rust-proof.
5. After processing: the workpiece drying or natural drying that the formation of rust film.
6. After anti-rust treatment, rain water or other liquids should be prevented from contaminating, so as to avoid the failure of anti-rust.

GuangZhou Rolitom Lubricant Technology CO.,LTD

ADD:Room610 NO.1 XiangPu Street,TianHe District,Guangzhou City,china

Tel:0597-3210807,86-13826030637

Website:www.rolitom.com