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## Copper Corrosion Inhibitor Thiadiazole Derivative T561

### ●Product Introduction

This product features favorable anti-oxidation/corrosion properties for yellow metal, such as copper, copper alloy, etc. Applied to hydraulic oils, it is able to depress the copper corrosion caused by ZDDP, and solve the problems of hydrolytic stability, also improve the antioxidant property when the base oil is paraffinic base. It is useful for passing the MSD bench test.

### ●Applications

This product is primarily used as bearing corrosion inhibitor, in antiwear hydraulic oil, industrial gear oil, high quality gasoline oil and antioxidant agents, etc.

### ●Recommended Treat Rate

The recommended treat rate is from 0.3wt% to 0.4wt%.

### ●Product Technical Index

Item	Typical Value	Test Method
Appearance	Brown Transparent Liquid	Visual Inspection
Flash Point (COC), °C	130	GB/T3536
Kinematic Viscosity (50°C), mm <sup>2</sup> /s	Report	GB/T265
Density (20°C), kg/m <sup>3</sup>	Report	GB/T1884
Acid Value, mgKOH/g	16	SH/T0251
Copper corrosion (100°C, 3h)	1b	GB/T5096

### ●Package, Storage and Transportation

The product is packed in 40 liter iron barrels, or other packing methods consulting with clients. Suitable for truck transport, railway transport and ocean transport. The temperature of storage and transportation shall not surpass 45°C. The shelf life of product is 2 years.