



ZHENGZHOU CHORUS COMMERCE AND TRADE CO.,LTD

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High Temperature Antioxidant Ester Phenolic Type T512

●Product Introduction

T512 Ester Phenolic Antioxidant is a new high-temperature antioxidant with superior performance, it has good high thermal stability, outstanding anti-oxidation performance in high temperature, high oil solubility, and high compatibility with other additives. It's widely used in high-grade ICE lubricants, heat conducting oil, high-temp. chain oil, hydraulic oil, gear oil, turbine oil and other industrial lubricant oil, all kinds of lubricant, grease and fuel oil, the general treat rate is 0.3-0.5%.

●Product Technical Index

| Item | Typical Value | Test Method |
|---|---------------------------------|-------------------|
| Appearance | Light yellow transparent liquid | Visual Inspection |
| Flash Point (COC), °C | 195 | ASTM D92 |
| Kinematic Viscosity (100°C), mm ² /s | 7 | ASTM D445 |
| Density (20°C), kg/m ³ | 961 | ASTM D4052 |
| Acid Value, mgKOH/g | 0.4 | ASTM D974 |
| Water Content, m% | 0.02 | ASTM D95 |
| Ash Content, m% | 0.01 | ASTM D482 |
| Effective Content, m% | 98.0 | GC |

●Product Features

Light color, low chrominance;

High content of effective constituent;

Good compatibility, more significant effect when compounded with amine-type antioxidants.

●Package, Storage and Transportation

The product is packed with iron barrels, 180kg/barrel 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.