



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 oil, heat conducting oil, high temperature 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 drum, 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 is 2 years.