

Antioxidant

T1135 Ester Phenolic Antioxidant

Product Introduction

As a new high-temperature antioxidant with superior performance, the T1135 ester-phenolic antioxidant features high thermal stability, outstanding anti-oxidation performance at high temperature, high oil solubility, and high compatibility with other additives (especially with amine type antioxidants), etc. So it can be widely used in various industrial lubricants, such as lubricating oils of top-grade internal combustion engines, conduction oils, high-temperature chain lubricants, hydraulic oils, gear oils, and steam turbine oils, and all kinds of greases and fuel oils.

Reference Dosage

The ordinary percentage in usage is 0.3-0.5%.

Specification

Item	Typical Value	Test Method
Appearance	Colorless or Light Yellow Transparent Liquid	Visual
Kinematic Viscosity (40°C), mm ² /s	Report	GB/T265, ASTM D445
Flash Point (COC), °C	≥ 170	GB/T3536, ASTM D92
Density (20°C), kg/m ³	900-1000	GB/T13377, ASTM D4052
Acid Value, mgKOH/g	≤ 1.0	GB/T7304, ASTM D664
Water, m%	≤ 0.15	GB/T260, ASTM D95
Mechanical Impurities, m%	≤ 0.05	GB/T511
Effective, m%	≥ 96.0	Gas Chromatography(GC)