T536 High Temperature Antioxidant p-p' Dinonyl Diphenylamine

Introduction

T536 is an excellent high-temp. amine antioxidant. It has good thermal stability, prominent oxidation resistance under high temperature, good oil solubility as well as compatibility to other additives. It's widely used in high grade ICE lubricant, heat conducting oil, high-temp. chain oil, hydraulic oil, compressor oil, turbine oil and other industrial lubricant oil, all kinds of lubricating grease and fuel oil, treat rate is 0.3-0.5%.

Specifications

Item	Typical Value	Test Method
Appearance	Yellow or red-brown to brown clear liquid	Visual Inspection
Density (20℃), kg/m3	945	ASTM D4052
N Content, m%	3.5	ASTM D3228
Water Content, m%	0.03	ASTM D95
Kinematic Viscosity (40℃), mm2/s	455	ASTM D445
Flash Point (PMCC), ℃	155	ASTM D93

Features

Excellent high temperature thermal stability;

Different alkyl substitution is rationally arranged and controllable, lower free amine content;

Good high temperature oxidation resistance, especially outstanding antioxidant durability, significant effect on inhibiting the late oxidation of oil;

Good compatibility, and has synergistic effect when compounded with other antioxidants, especially combined used with ester phenolic antioxidants.

Package, Handle & Storage

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℃.

The shelf life of product is 2 year