

## PRODUCT DATA SHEET

### PTA 7730 Butyl Octyl Diphenylamine

#### ●Product Introduction

PTA 7730 Butyl Octyl Diphenylamine is an excellent high-temperature antioxidant, it has good thermal stability, prominent oxidation resistance under high temperature, good oil solubility as well as compatibility to other additives. It can be widely used for high-grade engine lubricants, heat conducting oils, high-temp. chain oils, hydraulic oils, compressor oils, turbine oils and other industrial lubricant oil, all kinds of lubricating grease and fuel oil, the general dosage is 0.3-0.5%.

#### ●Product Technical Index

Item	Index	Test Method
Appearance	Light yellow/ brown clear liquid	Visual Inspection
Flash Point (COC), °C	≥180	ASTM D92
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	9.0-12.0	ASTM D445
Density (20°C), kg/m <sup>3</sup>	900-1000	ASTM D4052
Total Base Number, mgKOH/g	Report	ASTM D2896
N Content, m%	4.30-5.00	ASTM D3228
Moisture, m%	≤0.15	ASTM D95
Mechanical Impurities, m%	≤0.05	GB/T511

#### ●Features

Different alkyl substitution is rationally arranged and controllable; Lower free amine content, less than 1%;

Good compatibility, more significant effect when compounded used 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.