

**PRODUCT DATA SHEET****PTA 7720 P,p'-Dinonyl Diphenylamine****●Product Introduction**

PTA 7720 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 engine lubricants, 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, the general dosage is 0.3-0.5%.

●Product Technical Index

| Item | Index | Test Method |
|--|---|-------------------|
| Appearance | Yellow or red-brown to brown clear liquid | Visual Inspection |
| Density (20°C), kg/m ³ | 920-970 | ASTM D4052 |
| N Content, m% | 3.2-3.8 | ASTM D3228 |
| Moisture, m% | ≤0.05 | ASTM D95 |
| Kinematic Viscosity (40°C), mm ² /s | 400-900 | ASTM D445 |
| Flash Point (PMCC), °C | ≥135 | ASTM D93 |

●Features

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

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

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