

## T5057 Butyl Octyl Diphenylamine

### Product Introduction

T5057 amine antioxidant is an excellent high-temperature antioxidant, features good thermal stability, outstanding anti-oxidation performance at high temperature, high oil solubility, and high compatibility with other additives (especially with ester-phenolic antioxidants). 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, compressor oils, and steam turbine oils, and all kinds of greases and fuel oils.

### Reference Dosage

General dosage in use is 0.3-0.5%.

### Specification

Item	Typical Value	Test Method
Appearance	Light Yellow Brown Clean Liquid	Visual
Flash Point(COC), °C	≥ 180	GB/T3536, ASTM D92
Density (20°C), kg/m <sup>3</sup>	900-1000	GB/T1884, ASTM D1298
Nitrogen, m%	4.3-5.0	NB/SH/T0704, ASTM D5762
Base Number, mgKOH/g	Report	SH/T0251, ASTM D2896
Water, m%	≤ 0.15	GB/T260, ASTM D95
Mechanical Impurities, m%	≤ 0.5	GB/T511