

## BUTYL OCTYL DIPHENYLAMINE T534

### • Introduction

T534 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 ICE lubricant, heat conducting oil, high temperature chain oil, hydraulic oil, compressor oil, turbine oil and other industrial lubricant oil, grease and fuel oil, the general treat rate is 0.3-0.5%.

### • Specifications

Item	Typical Value	Test Method
Appearance	Light Yellow Brown Clear Liquid	Visual
Flash Point (COC), °C	198	ASTM D92
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	10	ASTM D445
Density (20°C), kg/m <sup>3</sup>	971	ASTM D4052
Total Base Number, mgKOH/g	179	ASTM D2896
Nitrogen, wt%	4.5	ASTM D3228
Water, wt%	0.02	ASTM D95

### • Features

- Good compatibility.
- Lower free amine content, less than 1%.
- Different alkyl substitution is rationally arranged and controllable.
- More significant effect when compounded used with phenolic type antioxidants.

### • Package, Handle & Storage

- Packed in 200L metal drum, IBC-Tank or made to order.
- Long term storage temperature should not exceed 45°C.
- Handle & blending temperature should not exceed 65°C.
- Not dangerous chemical, store in dry & clean warehouse.