

AO-750

Butylated, Octylated Diphenylamine

Description

Liquid grade of mixed alkylated diphenyl amine, having mainly octylated & butylated diphenyl amine.

CAS №

- 68411-46-1

Typical physical properties

Appearance	Clear Viscous Liquid
Colour	Yellow to Reddish Brown
Liquid Density (g/cm ³) @ 25 C	0.97 - 0.98
Viscosity (cST), @ 40 C	200 - 400
Nitrogen Content (%)	4.0 - 5.0
Flash Point C (COC)	180 min

Typical properties

Solubility	
Mineral oil	More than 5%
Ester	More than 5%
Water	Less than 0,01%

Note: Lubricants formulated with AO-750 may discolour in use. This has no negative effect on the lubricant characteristics and performance.

Application

General purpose ashless antioxidant for high temperature applications in engine oils, compressor oils, industrial oils, transmission fluids, turbine oils, hydraulic fluids, greases. Its high nitrogen content & liquid form allows for its incorporation in the above mentioned lubricants.

Benefits

- Stabilizes lubricants where extended service life is required.
- Effectively controls lubricant viscosity increase due to oxidation
- Offers higher stoichiometric factor than other alkylated diphenylamines for better antioxidant efficiency
- Offers high nitrogen content and TBN with good seal compatibility
- Contains no diluents