

ONYX 305

Butylated Octylated Diphenylamine Antioxidant

DESCRIPTION

ONYX 305 is an ash-less butylated octylated diphenylamine antioxidant that is suitable for use in a broad range of mineral and synthetic based lubricant formulations for automotive and industrial applications.

APPLICATIONS

ONYX 305 can be used in Gasoline and Diesel engine oils, Automatic transmission fluids, Automotive and Industrial Gear oils, Greases, Hydraulic fluids, Turbine oils, Compressor oils, Marine and railroad diesel engine oils as well as Lubricants with incidental food contact.

BENEFITS

- Suitable for use in a broad range of lubricant formulations.
- Liquid antioxidant for easy handling and blending.
- Mixed alkyl groups for maximum oil compatibility.
- Additional alkalinity boost due to high TBN.
- Excellent high temperature performance.
- Can be used with other antioxidants like alkylated diphenylamines, aromatic amines, hindered phenolic and secondary decomposer antioxidants as well as appropriate metal deactivators, for enhanced performance.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Typical values
Viscosity@ 40°C, cSt	ASTM D445	200 - 400
BN, mgKOH/g	ASTM D2896	160 - 185
Nitrogen % Wt	ASTM D5291	4.5
Flash Point (COC), °C	ASTM D92	min 180
Specific Gravity @15.5 °C	ASTM D1298	0.98

The above characteristics are not specifications and are provided to indicate the typical values measured on the product.

GENERAL HANDLING & STORAGE INSTRUCTIONS

Neoprene or nitrile rubber gloves and safety goggles should be worn for handling. Material safety data sheet should be consulted for specific information and for information on health and safety. ONYX 305 should be stored in a cool dry place away from direct sources of heat and light.