

QUALITY PROTECTS.

QUALITY WORKS.

LANXESS
 Energizing Chemistry

Naugalube® 750

Butylated, octylated diphenylamine antioxidant

LANXESS is one of the leading manufacturers of alkylated diphenylamine antioxidants (ADPA) which meet the challenging and ever evolving requirements of industrial and transportation lubricant standards.

Naugalube® 750 is a liquid antioxidant for use in a broad range of industrial and transport lubricants. It offers excellent protection against high temperature oxidation and lubricant

degradation in mineral and synthetic based fluids providing superior performance when formulated in Group II, III and IV formulations. Typical treat levels may range between 0.05% and 1.0%. Naugalube® 750 can also be used in conjunction with other Naugalube® antioxidants such as alkylated diphenylamines, alkylated phenyl- α -naphthylamine and/or hindered phenolics.

Applications

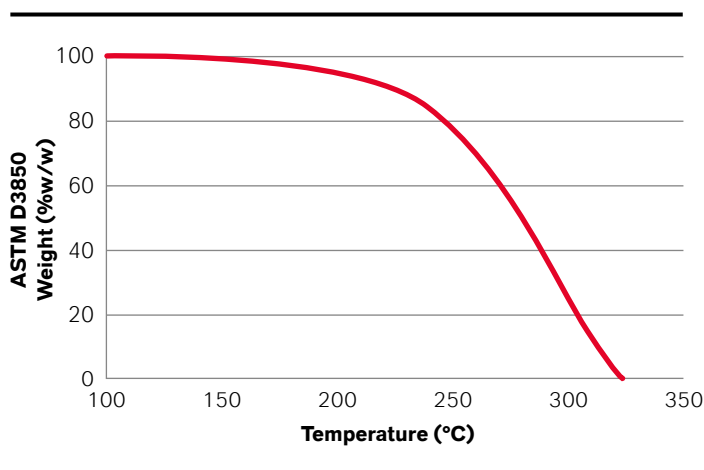
Industrial						Marine		Aviation		Automotive				Grease		
Gear oil	Turbine oil	Hydraulic oil	Heat transfer oil	Chain oil	Compressor oil	Trunk piston engine oil	System oil	Turbine oil	Hydraulic oil	Gasoline engine oil	Diesel engine oil	Auto transmission fluid (ATF)	Differential fluid	Automotive grease	Industrial grease	Aviation grease
■	■	■			■	■	■	■	■	■	■	■	■	■	■	■

■ Primary recommendation ■ Alternative recommendation

X Naugalube® 750

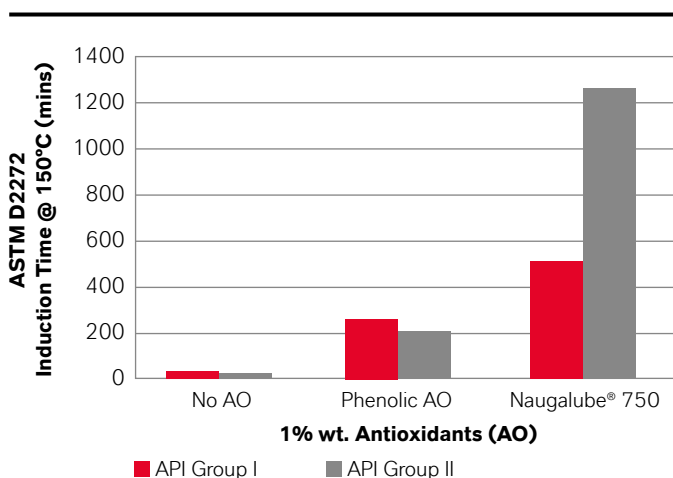
Features	Benefits
Liquid antioxidant	Provides easy handling and blending
US FDA 21CFR178.3750 approved, Kosher and Halal certified	NSF HX-1 approval for use in lubricants subject to incidental food contact at a maximum level of 0.5%
Excellent high temperature performance providing effective control against viscosity increase, deposit formation and sludging tendency	Prolongs lubricant life and extended service intervals
Mixed alkyl groups for maximum oil compatibility	Excellent solubility and stability in finished lubricants
High nitrogen and total base number	Maximizes antioxidant efficiency and provides added alkalinity

TGA profile of Naugalube® 750



Additive volatility can influence lubricant performance characteristics. Thermogravimetric analysis (TGA) of Naugalube® 750 demonstrates its excellent thermal and oxidative stability.

Turbine oil oxidation stability by RPVOT



RPVOT (Rotating Pressure Vessel Oxidation Test) performance testing shows superior antioxidant properties performance over the phenolic antioxidant in both Group I and Group II turbine oil formulations with a clear and significant performance boost achieved with Naugalube® 750 in the Group II based oil.

Shipping information: tank cars, tank trucks, and non-returnable drums



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