

Product Information

Bislube Antioxidant BODPA

Product Description:

Bislube Antioxidant BODPA is a pale yellow to reddish brown liquid composed of benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene. Bislube Antioxidant DND displays excellent antioxidant properties, even at high temperatures (~260 °C). Bislube Antioxidant BODPA is soluble in petroleum and synthetic lubricant bases. Its liquid form allows for easy handling and blending.

Applications:

Bislube Antioxidant BODPA is used as a general-purpose antioxidant in petroleum and synthetic oils. It is used in hydraulic fluids, industrial oils, transmission fluids, engine oils. Bislube Antioxidant BODPA is effective as an antioxidant and corrosion inhibitor in silane and siloxane synthetic lubricants and greases.

Chemical Formula:

C₂₀H₂₇N

CAS No. :

68411-46-1

Specifications:

Parameters (units)	Specifications	Test Method
Appearance	Pale yellow to reddish brown liquid	Visual
Viscosity, at 40 °C (cSt)	280 - 400	QCD/TM/208
Flash point (°C)	> 185	ASTM D 92 - 02b
Nitrogen content (%)	4.0 - 5.0	ASTM D 5291 - 10
Density, at 25 °C (g/cm ³)	0.970 - 0.980	QCD/TM/77
Solubility in mineral oil (%)	> 5	QCD/TM/81
Solubility in ester (%)	> 5	QCD/TM/81
Solubility in water (%)	< 0.01	QCD/TM/81

*% denoted represents wt/wt %, unless noted otherwise

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Dosage Information:

Typical dosage for mineral oil base industrial lubricants is 0.1 - 0.5 %.

Typical dosage for synthetic industrial lubricants and greases is 0.3 - 1.0 %.

Typical dosage for engine oils is 0.3 - 1.0 %.

Packaging:

Material is available in 200 kg drums. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a cool and dry place away from direct sunlight in sealed, original packaging. Shelf life of 24 months.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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