



HARWICK

STANDARD

ISO 9001-2015 REGISTERED

Technical Data Sheet

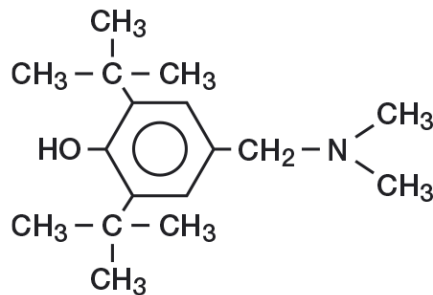
Antioxidant 103 Lubricant Antioxidant

Antioxidant 103 lubricant antioxidant is a unique polar molecule containing a hindered phenol structure and aliphatic amine group. It is effective at high temperatures, which makes it particularly suitable for industrial lubricants. Applications include steam turbine oils, R&O oils, hydraulic fluids, transformer oils, industrial gear oils and grease.

FEATURES AND BENEFITS

- Allows a reduction in corrosion inhibitor dosage
- Ashless TBN source for the neutralization of harmful acidic oxidation by-products

2,6-di-t-butyl-n,n di-methylamino-p-cresol
CAS#: 88-27-7



TYPICAL PHYSICAL PROPERTIES

Form	Crystalline powder
Color	Light yellow
Molecular Weight	263.4
Melting Point, °F (°C)	201 (94)
Boiling Point, at 40 mm, °F (°C)	354 (179)
Flash Point (COC), °F (°C), min	> 200 (> 93)
Total Base Number, mg KOH/g	214
Density	0.95

08/19/2019 Revised 12/21/2022

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60 S. SEIBERLING ST. • P.O. Box 9360 • AKRON, OH 44305-0360 • U.S.A.

PHONE: (330) 798-9300 • www.harwick.com