NAUGALUBE® AMS is a high molecular weight solid antioxidant which provides excellent oxidative stability to both mineral and synthetic based formulations. Its features include low volatility and high purity.

Due to its high thermal stability, NAUGALUBE® AMS is typically recommended for higher temperature applications which include marine diesel engine oils, industrial oils and grease. It is a solid antioxidant typically used at treat levels between 0.05% and 1.0%.

NAUGALUBE® AMS can also be used in combination with other alkylated diphenylamines, hindered phenolics and/or secondary peroxide decomposer antioxidants, as well as appropriate metal deactivators, for enhanced performance.

### Applications

<table>
<thead>
<tr>
<th>Primary Recommendation</th>
<th>Alternative Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial</strong></td>
<td></td>
</tr>
<tr>
<td>Gear Oil</td>
<td>Turbine Oil</td>
</tr>
<tr>
<td>Hydraulic Oil</td>
<td>Heat Transfer Oil</td>
</tr>
<tr>
<td>Chain Oil</td>
<td>Compressor Oil</td>
</tr>
<tr>
<td><strong>Marine</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Aviation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Automotive</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Grease</strong></td>
<td></td>
</tr>
<tr>
<td>Gasoline Engine Oil</td>
<td>Diesel Engine Oil</td>
</tr>
<tr>
<td>Auto Transmission Fluid (ATF)</td>
<td></td>
</tr>
<tr>
<td>Differential Fluid</td>
<td>Automotive Grease</td>
</tr>
<tr>
<td>Industrial Grease</td>
<td>Aviation Grease</td>
</tr>
</tbody>
</table>
**Features**

- Ashless antioxidant
- High molecular weight antioxidant
- Superior thermal stability
- Low color

**Benefits**

- Supports formulators in the drive for lower ash products
- Low antioxidant volatility providing for prolonged presence in finished formulations
- Reduced oil oxidation and deposits, excellent for high temperature applications
- Little to no initial discoloration to finished lubricants

---

**TGA Profile of NAUGALUBE® AMS**

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

---

**Oxidation Stability by PDSC Aviation Turbine Oil**

The above Pressure Differential Scanning Calorimetry data demonstrates the superior resistance to oxidation of a fully formulated Group V Aviation Turbine oil containing NAUGALUBE® AMS as compared to the same oil containing competitive oligomeric aromatic amines.

---

**Shipping Information: 25kg bags**

---

**CONTACT INFORMATION**

**North America**
Chemtura Corporation
Customer Service: +1 800 325 6252
Email: customer.care@chemtura.com

**Europe, Middle East, and Africa**
Chemtura Manufacturing UK Limited
Customer Service: +44 (0) 161 875 3800
Email: emea.export@chemtura.com

**Asia/Pacific**
Chemtura China Holding Co., Ltd.
Customer Service: +86 21 3866 6688
Email: info_petadd@chemtura.com

**South America**
Chemtura Industria Quimica do Brasil Limitada
Customer Service: +55 19 3522 5000
Email: atendimento.cliente@chemtura.com

Please visit our website [www.chemtura.com](http://www.chemtura.com) for more information on this product and to locate the Product Data Sheet (PDS) and Safety Data Sheet (SDS).

---

**Storage and Handling**

Please read the Safety Data Sheet (SDS) and container label before using any product. The SDS contains important information regarding the safety, handling and storage of this product. The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Safety Data Sheets for the products mentioned herein. All sales are subject to Chemtura’s standard terms and conditions of sale, copies of which are available upon request and which are part of Chemtura’s invoices and/or order acknowledgments. Except as expressly provided in Chemtura’s standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for a particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

---

**Responsible Care**

Chemtura is dedicated to Responsible Care, the chemical industry’s initiative to protect the environment; ensure the safety and security of our operations; and safeguard the health and safety of our employees and neighboring communities. Our goal is to make continuous progress towards the vision of no accidents, injuries or harm to the environment. We care about the future - for all of us. If you have any questions, or would like to comment on our Responsible Care Program, please send an email to RCMS@Chemtura.com.