

# AEROSPACE MATERIAL SPECIFICATION

## FLUID, REFERENCE FOR TESTING POLYOL ESTER (AND DIESTER) RESISTANT MATERIAL

### 1. SCOPE:

#### 1.1 Form:

This specification covers a trimethylol propane triheptanoate fluid (See 8.1) representative of gas turbine engine oils.

#### 1.2 Application:

This fluid has been used typically to evaluate the ability of elastomeric and other polymeric materials to conform to designated requirements after contact with, or immersion in, MIL-L-7808 and similar lubricants at specified time and temperature as required by the material specification, and its use is limited to such applications. This fluid is not intended for operational use in gas turbine engines (See 8.1).

#### 1.3 Safety - Hazardous Materials:

While the materials, methods, applications, and processes described or referenced in this specification may involve the use of hazardous materials, this specification does not address the hazards which may be involved in such use. It is the sole responsibility of the user to ensure familiarity with the safe and proper use of any hazardous materials and to take necessary precautionary measures to ensure the health and safety of all personnel involved.

### 2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2003 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

**TO PLACE A DOCUMENT ORDER:**           **Tel: 877-606-7323 (inside USA and Canada)**

**Tel: 724-776-4970 (outside USA)**

**Fax: 724-776-0790**

**Email: [custsvc@sae.org](mailto:custsvc@sae.org)**

**SAE WEB ADDRESS:**

**<http://www.sae.org>**

