



AEROSPACE MATERIAL SPECIFICATION

AMS1387™**REV. B**

Issued	1985-04
Revised	1992-10
Reaffirmed	2004-02
Stabilized	2018-11

Superseding AMS1387A

Remover, Anti-Galling Compound
Aircraft Turbine Engine Components
Room Temperature Application

RATIONALE

AMS1387B has been reviewed and determined to contain straightforward and stable technology which is not dynamic in nature.

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1. SCOPE:

1.1 Form:

This specification covers an anti-galling compound remover in the form of a water-soluble powder, a concentrated liquid for dilution with water, or a ready-to-use liquid.

1.2 Application:

This remover has been used typically for removal of anti-galling compounds from turbine engine components by immersion at room temperature in a solution of the remover or ready-to-use liquid, but usage is not limited to such applications. This remover shall not be used on steel parts having hardness of 40 HRC or over.

1.3 Classification:

Remover conforming to this specification is classified as follows:

Type 1 - Water-soluble powder

Type 2 - Liquid concentrate

Type 3 - Ready-to-use liquid

1.3.1 Type 1 shall be supplied unless Type 2 or Type 3 is ordered.

1.4 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.

1.5 Precautions:

Remover may contain chemicals which, if improperly used, could be hazardous to the health and safety of operators. Protective clothing including eye shields, suitable gloves, and apron should be worn when preparing and using remover. Tanks shall be prepared and operated under conditions of adequate fume extraction and with due regard to the safety recommendations of the manufacturer of the remover together with local workshop safety regulations.

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.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AMS 2825 Material Safety Data Sheets

ARP1755 Effect of Cleaning Agents on Aircraft Engine Materials, Stock Loss Test Method

2.2 ASTM Publications:

Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

ASTM D 1568 Sampling and Chemical Analysis of Alkylbenzene Sulfonates

ASTM D 2667 Biodegradability of Alkylbenzene Sulfonates

ASTM F 945 Stress-Corrosion of Titanium Alloys by Aircraft Engine Cleaning Materials

2.3 U.S. Government Publications:

Available from Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MIL-STD-2073-1 DOD Materiel, Procedures for Development and Application of Packaging Requirements

3. TECHNICAL REQUIREMENTS:

3.1 Composition:

Shall be optional with the manufacturer but, when prepared in accordance with manufacturer's instructions, shall form a liquid product, with no solid sediment at room temperature, meeting the applicable requirements of 3.2.