



AEROSPACE MATERIAL SPECIFICATION

AMS1424™/1**REV. A**Issued 2016-04
Revised 2023-12

Superseding AMS1424/1

Deicing/Anti-Icing Fluid, Aircraft
SAE Type I Glycol (Conventional and Nonconventional) Based

RATIONALE

This document is revised to comply with SAE's Five-Year Review policy. AMS1424M is replaced by AMS1424S. Since references are made to specific section numbers of AMS1424S, wording is added to allow the use of the corresponding section of future versions of AMS1424 when issued. Reference to ARP1917, which was canceled, is deleted. Harmonization editorial modifications are made throughout.

1. SCOPE

1.1 Form

The foundation specification (AMS1424) and the category specifications (AMS1424/1 and AMS1424/2) cover deicing/anti-icing materials in the form of a fluid.

1.1.1 Foundation and Category Specifications

The foundation specification establishes the requirements for all SAE Type I deicing/anti-icing fluids and defines the terms glycol (conventional and nonconventional) and non-glycol and contains technical and other requirements that apply to both glycol (conventional and nonconventional) and non-glycol based fluids.

The category specification AMS1424/1 covers glycol (conventional and nonconventional) based fluids whereas the category specification AMS1424/2 covers non-glycol based fluids.

Glycol (conventional and nonconventional) is defined in section 3.1.1 of AMS1424S or in the corresponding section of the most recent version of AMS1424

1.2 Other Scope Requirements

Other scope requirements are set in AMS1424S or in the most recent version of AMS1424.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

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