SAE Aerospace
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AEROSPACE MATERIAL SPECIFICATION

SAE AMS-G-4343 REV. A

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Superseding AMS-G-4343

Grease, Pneumatic System

FSC 9150

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by SAE AMS M, Aerospace Greases Committee, and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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NOTICE

This document has been taken directly from U.S. Military Specification MIL-G-4343C and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-G-4343C. Any part numbers established by the original specification remain unchanged.

The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, and (b) the use of the existing government specification or standard format.

Under Department of Defense policies and procedures, any qualification requirements and associated qualified products lists are mandatory for DOD contracts. Any requirement relating to qualified products lists (QPL's) has not been adopted by SAE and is not part of this SAE technical document.

1. SCOPE:

1.1 Scope:

This specification covers a pneumatic system grease. This grease is identified by NATO Code Number G 392 (see 6.5).

2. APPLICABLE DOCUMENTS:

The following publications, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

2.1 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

FED-STD-313	Material Safety Data Sheets; Preparation and Submission of
FED-STD-791	Lubricants, Liquid Fuels, and Related Products; Methods of Testing
MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-290	Packaging, Packing and Marking of Petroleum and Related Products

2.2 ASTM Publications:

Available from ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM D 217	Cone Penetration of Lubricating Grease, Test for
ASTM D 270	Petroleum and Petroleum Products, Sampling
ASTM D 942	Oxidation Stability of Lubrication Greases by the Oxygen Bomb Method, Test for
ASTM D 1092	Apparent Viscosity of Lubricating Greases, Test for
ASTM D 1743	Rust Preventive Properties of Lubricating Greases, Test for
ASTM D 2265	Dropping Point of Lubricating Grease of Wide Temperature Range, Test for
ASTM D 2595	Evaporation Loss of Lubricating Greases Over Wide Temperature Range, Test for

3. REQUIREMENTS:

3.1 Qualification:

The grease furnished under this specification shall be a product which is qualified for listing on the applicable qualified products list at the time set for opening of bids. (see 4.4 and 6.3) Any change in the formulation of an approved product shall require requalification.