

MIL-C-25478A(USAF)
 AMENDMENT 2
4 AUGUST 1986
 SUPERSEDING
 AMENDMENT 1
 30 JUL 79

MILITARY SPECIFICATION

COOLERS, LUBRICATING OIL, AIRCRAFT
 ENGINE, SYNTHETIC OIL, GENERAL
 SPECIFICATION FOR

This amendment forms a part of MIL-C-25478A(USAF), dated 7 OCT 74, and is approved for use within the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

* Delete "2.1" and add:
 "2.1 Government documents."

* Add:
 "2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation."

* Under SPECIFICATIONS, Federal, delete: "QQ-P-416", "PPP-B-591", "PPP-B-621", "PPP-B-665" and "UU-P-553".

* Under SPECIFICATIONS, Military, delete: "MIL-B-130" and add: "MIL-B-121 Barrier Material, Greaseproofed, waterproofed, Flexible", "MIL-C-83488 Coating, Aluminum, ION Vapor Deposited".

Add boxed paragraph to bottom center of page.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Oklahoma City Air Logistics Center/MMEDO, Tinker AFB OK 73145-5990 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

PAGE 2

Under SPECIFICATIONS, Military, delete: "MIL-T-5021".

* Under STANDARDS, Military, delete: "MIL-STD-1186" and add: "MIL-STD-1595 Aerospace Welder Performance Qualification (Supplement to Asme Boiler and Pressure Vessel Code, Section Ix, 1974)".

* Add:

AMSC N/A

FSC 2935

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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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"2.2 Other publications. The following document(s) form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted shall be those listed in the issue of the DODISS specified in the solicitation. Unless otherwise specified, the issues of the documents not listed in the DODISS shall be of the nongovernment documents which is current on the date of the solicitation.

ASTM D3951 Packaging, Commercial - 29 Jan 82

(Application for copies should be addressed to: ASTM, 1916 Race St, Philadelphia PA 19103.)

(Nongovernment standards and other publications are normally available from the organizations which prepare or which distribute the documents. These documents also may be available in or through libraries or other informational services.)"

* Add:

"2.3 Order of precedence. In the event of a conflict between the text of this specification and references cited herein (except for associated detail specifications, specifications sheets or MS standards), the text of this specification shall take precedence. Nothing in this specification, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

PAGE 4

* Add:

"3.4.3 Recovered materials. Recovered materials shall be used to the maximum extent possible without jeopardizing the end use of the item."

PAGE 6

* Delete "3.7.9.2" and add:

"3.7.9.2 Steel parts. Steel parts shall be coated with ion vapor deposited aluminum, where practicable, in accordance with MIL-C-83488, type I or II as applicable and of a class that is adequate to achieve the degree of protection required. Other protective coating, in lieu of MIL-C-83488, may be used if demonstrated to be satisfactory and approved by the preparing activity. Cadmium plating must be avoided when satisfactory alternative processes can be used."

PAGE 8

3.11.1 Line 2, delete: "MIL-T-5021" and substitute "MIL-STD-1595".

Add:

"4.1.1 Responsibility for compliance. All items must meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractors of the responsibility of assuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling in quality conformance does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to acceptance of defective material."

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* Delete Section 5 in its entirety and add:

"5 PACKAGING

5.1 Preservation-packaging. Preservation-packaging shall be level A, C, or Industrial as specified (see 6.2).

5.1.1 Level A. Unless otherwise specified by the contracting activity, each oil cooler shall be individually preserved and packaged according to MIL-STD-794. Wrap with MIL-B-121. The method of preservation shall conform to submethod 1C-1 of MIL-P-116.

5.1.2 Level C. Each oil cooler shall be preserved and packaged in a manner which will afford adequate protection against corrosion, deterioration, and physical damage during shipments from supply source to the first receiving activity for immediate use.

5.1.3 Industrial. The industrial preservation of oil cooler shall be in accordance with ASTM D3951.

5.2 Packing. Packing shall be level A, B, C, or Industrial as specified (see 6.2).

5.2.1 Level(s) A, B, or C. The level of packing shall be specified by the contracting activity. The level of packing shall be accomplished in accordance with the requirements outlined in MIL-STD-794.

5.2.2 Industrial. The packaged oil cooler shall be packed in accordance with ASTM D3951.

5.3 Marking. In addition to any special marking required by the contract or order, marking shall be in accordance with Military Standard MIL-STD-129.

5.4 Inspection and test. Test of methods of preservation and packaging shall be accomplished in accordance with section 4 of MIL-P-116 to insure compliance with section 5 of this specification."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:
AIR FORCE - 99

Preparing Activity:
AIR FORCE - 71

Project Number:
2935 - F017