

METRIC

DOD-L-85734(AS)  
AMENDMENT 3  
15 September 1999  
SUPERSEDING  
AMENDMENT 2  
25 August 1993

MILITARY SPECIFICATION

LUBRICATING OIL, HELICOPTER TRANSMISSION SYSTEM,  
SYNTHETIC BASE

This amendment forms a part of DOD-L-85734(AS), dated 21 February 1986, and is approved for use by the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

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4.4: Add “h. Silicone rubber compatibility test.”

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4.5.1: Insert the following additional change into the list of procedural modifications to the compatibility of turbine lubricating oils test, Method 3403 of FED-STD-791:

1,1,1-Trichloroethane (O-T-620).”  
°C shall be used in place of

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4.5.4: Insert the following additional change into the list of modifications to the corrosion and oxidation stability test of FED-STD-791, Method 5308:

“Petroleum ether with a boiling range of 30 to 60°C shall be used in place of 1,1,1-Trichloroethane (O-T-620).”

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TABLE I, column 2, opposite Rubber compatibility: Change limits from “0-25” to “5-25” for both H and F rubbers.

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TABLE I, column 1, last entry: Add comma after “filter.”

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TABLE I, column 2, opposite Trace metal content: For silicone, change entry from “5” to “10.”

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- \* TABLE II, first column, under TESTS, after Silicone rubber: Delete "6."
- \* TABLE II, second column, under FED-STD-791, opposite Silicone rubber: Delete "-" and substitute "3433."

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- \* TABLE II, footnotes: Delete footnote 6/ in its entirety.

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- \* APPENDIX: Delete in its entirety.

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes 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.

Preparing activity:  
Navy – AS

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