

METRIC

DOD-L-85734(AS)  
AMENDMENT 2  
25 August 1993  
Superseding  
DOD-L-85734(AS)  
AMENDMENT 1  
22 December 1986

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 within 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:

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

"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 rubber.

AMSC N/A

DISTRIBUTION STATEMENT A,

FSC 9150

Approved for public release; distribution is unlimited.

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**TABLE I, column 1, last entry: Add comma after "filter".**

**Page 13**

**TABLE I, column 2, opposite "Trace metal content": For silicone, change entry from "5/" to "10".**

**CONCLUDING MATERIAL**

**Preparing activity:  
Navy - AS  
(Project No. 9150-N819)**