

INCH-POUND

MIL-P-83461B
AMENDMENT 3
24 January 1995
SUPERSEDING
AMENDMENT 2
10 March 1994

MILITARY SPECIFICATION

PACKING, PREFORMED, PETROLEUM HYDRAULIC FLUID RESISTANT, IMPROVED PERFORMANCE AT 275°F (135°C)

This amendment forms a part of MIL-P-83461B, dated 25 February 1980, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

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* Beneficial comments block, lines 3 and 4: Delete "Air Force Wright Aeronautical Laboratories, WPAFB, OH 45433" and substitute "ASC/ENSI Bldg 125, 2335 Seventh St Ste 6, WPAFB OH 45433-7809".

PAGE 2

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2.1: Add the following under military specifications:

"MIL-P-83461/2 Packing, Preformed, Petroleum Hydraulic Fluid Resistant, Improved Performance at 275°F (135°C) for Use in Boss Fittings, Sizes and Tolerances".

PAGE 3

2.2: Add the following under Society of Automotive Engineers (SAE):

"AMS 3020 Oil, Reference, for "L" Stock Rubber Testing".

PAGE 5

3.3: Add the following before the end of the sentence: "or MIL-P-83461/2".

Table I, column 1: Delete "After aging 70 hours at 275° ± 5°F in MIL-H-5606" and substitute "After aging 70 hours at 275° ± 5°F in ARM 201 (AMS 3020)".

* Table I, column 2, line 19: Delete "40, maximum" and substitute "35, maximum".

AMSC N/A

1 of 3

FSC 5330

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MIL-P-83461B
AMENDMENT 3

PAGE 6

Table I, column 1: Delete “After aging 60 days at $75^{\circ} \pm 5^{\circ}\text{F}$ in MIL-H-5606” and substitute “After aging 60 days at $75^{\circ} \pm 5^{\circ}\text{F}$ in ARM 201 (AMS 3020)”.

* Table I, column 2, line 4: Delete “60, maximum” and substitute “67, maximum”.

PAGE 7

Add as new paragraph 4.1.1:

“4.1.1 Responsibility for compliance. All items shall 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 contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of the manufacturing operations, is an acceptable practice to ascertain conformance to requirements; however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.”

PAGE 8

4.4.4: Delete the first sentence and substitute:

“Examination of the end item shall be in accordance with the classification of defects and inspection levels set forth herein.”

4.4.4.1: Delete the second sentence and substitute:

“The sample size shall be in accordance with inspection level II of MIL-STD-105.”.

4.4.4.2: Delete the second sentence and substitute:

“The sample size shall be in accordance with inspection level II of MIL-STD-105.”.

PAGE 9

4.4.4.3: Delete the last sentence and substitute:

“The sample size shall be in accordance with inspection level II of MIL-STD-105.”.

PAGE 10

4.4.5: Delete “Fluid aged 70 hours at $275^{\circ} \pm 5^{\circ}\text{F}$ in MIL-H-5606” and the physical properties immediately under that phrase and substitute:

“Fluid aged 70 hours at $275^{\circ} \pm 5^{\circ}\text{F}$ in ARM 201 (AMS 3020)
Compression set
Temperature retraction
Hardness change
Volume change”.

MIL-P-83461B
AMENDMENT 3

4.5.1: Delete and substitute:

“4.5.1 Fluid. The fluid aging in this specification shall be conducted using ARM 201 (AMS 3020) standard reference fluid and MIL-H-83282, as applicable. New fluid shall be used for each aging test.”

PAGE 12

* 4.7f: Delete and substitute:

“4.7f. Hydraulic fluid – Brayco Micronic 756 (MIL-H-5606).”

* 4.7.1b: Delete “fresh MIL-H-5606” and substitute “fresh Brayco Micronic 756 (MIL-H-5606).”

4.7.1c: Delete “MIL-C-5514” and substitute “MIL-G-5514”.

* 4.7.1d: Delete “MIL-H-5605B” and substitute “Brayco Micronic 756 (MIL-H-5606).”

PAGE 17

6.1, line 3: Delete “MIL-P-5514” and substitute “MIL-G-5514”.

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PAGE 18

* 6.3, delete last sentence and substitute:

“The activity responsible for the Qualified Products List is WL/MLSE, Bldg 652, 2179 Twelfth St Ste 1, Wright-Patterson AFB OH 45433-7718, and information pertaining to qualification of products may be obtained from that activity.”

* Add as new paragraph 6.4:

“6.4 ARM 201. ARM 201 (AMS 3020) can be ordered from Society of Automotive Engineers, 400 Commonwealth Dr., Warrendale PA 15096-0001, Phone (412) 776-4841.”

The margins of this amendment are marked with asterisks 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.

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