3-GP-54J
8 June 1951
CANCELLATION
16 December 1966

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

OIL; LUBRICATING, AVIATION TURBINE

CGSB Specification 3-GP-54J, dated 8 June 1951, is cancelled as of 16 December 1966.

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SPECIFICATION

FOR

OIL; LUBRICATING AVIATION TURBINE

3-GP-54J

8 JUNE 1951

Withdrawn/Retirée

THIS SPECIFICATION APPLIES TO AVIATION TURBINE LUBRICATING OIL CONSISTING OF PURE REFINED PETROLEUM PRODUCTS

NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA

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Withdrawn/Retirée

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Specification
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OIL; LUBRICATING, AVIATION TURBINE

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1. DEFINITION

1.1 This specification applies to aviation turbine lubricating oil consisting of pure refined petroleum products.

2. GENERAL REQUIREMENTS

2.1 The oil shall be clear and free from dirt, suspended matter, water and any impurities.

2.2 The use of viscosity index improvers is not permitted.

2.3 For use in certain turbine engines, approved additives may be blended with oils meeting all other requirements of this specification. Unless otherwise agreed by the purchaser, the nature and method of manufacture of the additive shall be disclosed. This information will be regarded as confidential.

2.4 Requirements contained herein are absolute and are not subject to corrections for tolerance of the test methods. However, if multiple determinations are made, average results will be used.

3. DETAIL REQUIREMENTS

3.1 Physical and Chemical Requirements

	Min.	Max.	Test Method
Viscosity at 210°F			
Kinematic, Centistokes	8.70	9.30	36.1
Approx. S.U. Seconds	54.7	56.8	36.2
Viscosity Index (Sect.3.1.1)	100	-	37.1
Pour Point, °F	-	-20	28.2
Flash Point, °F	410	-	27.1
Total Acid Number	-	0.1	2.1
Strong Acid Number	-	nil	2.1
Ash, percent	-	0.01	42.1
Saponification Number	-	1.0	7.1

3.1.1 Viscosity Index - The base oil shall meet this requirement before the addition of the pour point depressant.

4. SAMPLING AND TEST METHODS

4.1 Sampling

4.1.1 For the normal inspection tests of this specification a sample of not less than two Imperial quarts shall be provided.

4.1.2 Upon request of the purchaser, an Imperial quart of base stock shall be provided for the determination of the Viscosity Index before addition of pour point depressants.

4.2 Test Methods - The methods of testing shall in all cases be those described in Schedule No. 3-GP-0, using the procedure specified with each requirement.

5. NOTES

5.1 Intended Uses - The lubricating oil covered by this specification is intended for use in internal combustion turbine engines.

5.2 Related C.G.S.B. Specifications

5.2.1 C.G.S.B. Specification No. 3-GP-43J.

5.3 Other Related Specifications

5.3.1 British Ministry of Supply Specification No. D.E.D. 2479.

Withdrawn/Retiree

Correspondence regarding this specification should be addressed to the Secretary, Canadian Government Specifications Board, National Research Council, OTTAWA, Canada.