3-GP-95
CANCELLATION
1 September 1961

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

OIL; LUBRICATING, ENGINE (SAE 50)

CGSB Specification 3-GP-95 dated 31 December 1947, and amendment No 1 are cancelled as of 1 September 1961.

3-GP-95
31 December 1947
AMENDMENT No. 1
30 June 1952

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C. DETAIL REQUIREMENTS

add the following new requirement:

	Min.	Max.	Test Method
Ash, per cent by weight	-	0.05	42.9

Withdrawn/Retirée

REFERENCE COPY

No. 3-GP-95-1947
Issued 31 December, 1947
Supersedes 3-GP-4 - 4A5

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

Specification for OIL - LUBRICATING, ENGINE (SAE 50)*

A. DEFINITION

A-1 This specification covers one grade of oil, SAE 50, as designated by the Society of Automotive Engineers.

B. GENERAL REQUIREMENTS

B-1 OIL - LUBRICATING, (SAE 50), shall be a pure, high grade, refined mineral oil, and shall be clear, bright and transparent. It shall be free from suspended matter, sediment, water or other impurities.

C. DETAILED REQUIREMENTS

C-1 Physical and Chemical Requirements

	Min.	Max.	Test Method
Flash Point, °F.	440	-	27.1
Viscosity at 210°F.			
Kinematic Centistokes	15.6	21.6	36.1
Approx. S.U. Seconds	80	105	36.2
Viscosity Index	75	-	37.1
Pour Point, °F.	-	+30**	28.2
Total Acid Number	-	0.10	2.1 or 2.2
Strong Acid Number	-	Nil	2.1 or 2.2
Corrosion	-	Negative	60.2
Oxidation test			
Ratio of kinematic viscosity after oxidation to viscosity before oxidation, at 100°F.	-	2.0	38.1
Carbon Residue, per cent			41.2
Before oxidation	-	1.2	
After oxidation	-	original +1	

C-2 In addition to fulfilling these requirements, diesel lubricating oil may be required to pass a performance test in the model of engine in which it is proposed to use it, to

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* Other grades of this oil are covered by specifications 3-GP-45, 51, 65, 75, and 115.

** When conditions of service permit, the purchaser may find it desirable to permit a higher pour point.

Withdrawn/Retiree

the satisfaction of the testing authority. Diesel oil which complies with all requirements of this specification except those respecting viscosity index and neutralization number may be accepted provided it passes a performance test as above specified. (The exemption respecting total acid number is intended to permit the use of approved addition agents.)

D. USES

D-1 OIL - LUBRICATING, ENGINE (SAE 50), is intended for the lubrication of both gasoline diesel engines, where specified, and for general purpose lubrication.

E. METHODS OF SAMPLING AND TESTING

E-1 A sample of not less than 1 imperial quart shall be provided for tests and shall be obtained in accordance with section 1.2 of Schedule No. 3-GP-0: Methods of Testing Petroleum and Associated Products.

E-2 The methods of testing shall in all cases be those described in Schedule No. 3-GP-0, using the procedure specified with each requirement.

Withdrawn/Retirée

Correspondence regarding this specification should be addressed to the Secretary, Canadian Government Purchasing Standards Committee, National Research Council, OTTAWA, Canada.