

MIL-L-15719A**AMENDMENT 3
21 FEBRUARY 1961****SUPERSEDING
AMENDMENT 2
13 DECEMBER 1960**

MILITARY SPECIFICATION

**LUBRICATING GREASE (HIGH-TEMPERATURE,
ELECTRIC MOTOR, BALL AND ROLLER BEARINGS)**

This amendment forms a part of Military Specification MIL-L-15719A, 6 May 1952, and has been approved by the Department of Defense and is mandatory for use of the Departments of the Army, the Navy, and the Air Force.

- Page 3, paragraph 4.2: Delete and substitute: pound" and substitute "3-pound."
- "4.2 Qualification tests. Qualification tests shall be conducted at a laboratory satisfactory to the Bureau of Ships. These tests shall consist of the tests specified in table I." Page 3, paragraph 4.3.2, lines 2 and 3: Delete "the Naval Engineering Experiment Station, Annapolis, Md." and substitute "a laboratory satisfactory to the bureau or agency concerned."
- Page 3, paragraph 4.3.1, line 2: Delete "1- Page 4, table II: Delete and substitute:

TABLE II. *Lot acceptance tests*

Property to be tested	Test paragraph	Unit of value	Value
Appearance.....	4.41	Observation.
Corrosion.....	4.42	Observation.
Worked penetration.....	4.43	Tenths of a millimeter	Qualification value ± 15 .
Dropping point.....	4.44	Degrees, F.	Qualification value ± 15 .
Dirt count, maximum.....	4.45	Count/cc.	7,500 of 25 microns or above; 1,600 of 75 microns or above; None of 125 microns or above.
Water resistance, maximum.....	4.46	Percent	20.
Bleeding, maximum.....	4.47	Percent	12.
Evaporation.....	4.48	Percent	2.0.
Oxidation stability, maximum.....	4.49	p.a.i.	5.
Work stability, maximum.....	4.4.10	Tenths of a millimeter	375.
Apparent viscosity, maximum.....	4.4.11	Poises	10,000.
Low temperature torque.....	4.4.12	Seconds	15.
Nature of base fluid.....	4.4.14		Miscible in all proportions with qualified fluid.
Viscosity of fluid base.....	4.4.15	Percent	Qualification value ± 10 percent.
Viscosity temperature coefficient of base fluid.....	4.4.16	Qualification value ± 0.03 .

Page 8, paragraph 6.3: Delete and substitute:

"6.3 Physiological effects. CAUTION: Direct contact may irritate eyes."

Custodians:
Army—Ord
Navy—Ships
Air Force—ARDC

Preparing activity:
Navy—Ships