FAIRBANKS MORSE
A MAJOR INDUSTRIAL COMPONENT OF
FAIRBANKS WHITNEY

MAGNETO GREASES

MAGNETO and ENGINE ACCESSORIES DIVISION • BELOIT, WISCONSIN

MAGNETO GREASES

In order to assure the proper re-lubrication of all types of magnetos at the time of overhaul Fairbanks, Morse has made laboratory tests of the various greases under all extreme operating conditions.

As a result of the tests the greases shown in the chart below are recommended for your use.

Order by Part No.	Temperature Range	Packed In	Where Used			
			Ball Bearing	Roller Bearing	Needle Bearing	Sleeve Bearing
1C1 Low Tension, Semi-Low Tension and Conventional High Tension Units for High Temperature Operation	-10° F. to +200° F.	14 oz. Can	X	X	X	
1C9* Military and Extreme Low Temperature Operation	-65° F. to +250° F.	14 oz. Can	X	X	X	
1C10 Turbine Oil All Sleeve Bearings on all Applications		14 oz. Can				X

* Meets Military Specification MIL-G-3278A

Magnetos shipped from the factory will have the bearings, identified by service symbol, lubricated as follows:

Military, shielded and conventional high tension magnetos using ball bearings, C5949 and A5949C, will have these bearings packed with 1C9 grease.

Low tension and semi-low tension magnetos using ball bearings J5949 and low tension magnetos using roller bearings D5949A will have these bearings packed with 1C1 grease.

Conventional high tension magnetos using oilite bearings A5950A, low tension magnetos using oilite bearings F5950C and semi-low tension magnetos using oilite bearings D5950C will have these bearings impregnated with 1C10 turbine oil.

Service shipments of SKF roller bearings D5949A, all three piece ball bearings B5949, A5949A and C5949A and all needle bearings C5949C and D5949C are protected with only a preservative coat of oil. These bearings should be carefully cleaned with petroleum solvent and packed with the correct grade of grease, to fit the installation temperature, before installing them into the magnetos.

Lubrication of all parts of the magneto and particularly the bearings should be done each time the magneto is overhauled. When ordering new bearings be sure to use the correct bearing service symbol to obtain the bearing you need, packed with the correct grade of grease for the installation.

NOTE: The distributor bearing and the rotor cam end bearing used in Type FM-LTR heavy duty low tension magnetos are not furnished separately. See Instr. 3165A.