

Relubrication Schedule

Ball Bearings*

SYNCHRONOUS RPM	FRAME SERIES	SERVICE CYCLE**	
		8 HR DAY OPERATION	24 HR DAY OPERATION
3600	360-5800	150 DAYS (1200 HOURS)	50 DAYS (1200 HOURS)
1800	360	390 DAYS (3120 HOURS)	130 DAYS (3120 HOURS)
	400-440	270 DAYS (2160) HOURS	90 DAYS (2160) HOURS
	5000-5800	210 DAYS (1680 HOURS)	70 DAYS (1680 HOURS)
1200	360-440	390 DAYS (3120 HOURS)	130 DAYS (3120 HOURS)
	5000-5800	270 DAYS (2160 HOURS)	90 DAYS (2160 HOURS)

* RELUBRICATION SCHEDULE FOR ROLLER BEARINGS = 1/3 OF ABOVE INTERVALS

** RELUBRICATION SCHEDULE FOR SEVERE SERVICE INVOLVING VIBRATION, SHOCK AND/OR ENVIRONMENTAL EXTREMES = 1/3 OF ABOVE INTERVALS

The following products are NLGI Grade 2 polyurea based and deemed suitable lubricants under normal service conditions but may not be chemically compatible or interchangeable one to the other or correct for all ambient or service conditions.

EXXON / MOBIL CORP.	POLYREX EM
SHELL OIL CO.	DOLIUM R
CHEVRON OIL CO.	SRI#2

Relubrication Instructions

With the power removed, clear and clean the grease fittings and immediate area surrounding the grease fittings to prevent contamination of the lubricant.

Remove the pipe plugs from the venting ports located at or near the bottom of each end bracket. *Probe the venting port to assure it is clear of impacted hardened material.*

Using a low pressure grease gun containing the correct type of lubricating grease, apply not more than 1 ounce (1.8 cubic inches) of grease to the fittings.

Cease application immediately if lubricant flows out of the vent port or appears about the shaft aperture.

DO NOT OVERGREASE.

Do not replace the venting port plugs at this time.

Operate the motor under power for a minimum period of at least 30 minutes or longer until the bearing temperatures stabilize. It is normal for bearing temperatures to increase until the grease is evenly distributed throughout the bearing housing. Grease may not relieve from drain. See notes below.

Remove power and replace the venting port pipe plugs and all covers and guards that may have been removed to access the equipment. Return unit to normal operation.

NOTE 1: Prior to commissioning new motors, it is strongly recommended to add 1 ounces (30 grams) of grease, per the above instructions. It is necessary to run the motor unloaded immediately after adding the grease, in order to evenly distribute the grease throughout the bearing housing.

NOTE 2: The relubrication period for bearings on 3600 rpm screw compressor motors is every 1200 hours. The grease amount should never exceed 1 ounce (30 grams) into each bearing cavity during relubrication.

NOTE 3: All RAM motors are supplied with Exxon/Mobil Polyrex EM grease. This is a #2 polyurea-based grease, and the motor should only be lubricated with this type of grease. The use of an alternate grease type may lead to premature mechanical failure and may void the manufacturer's warranty terms. Other polyurea-based greases that are compatible with Exxon/Mobil Polyrex EM include Shell Dolium R and Chevron SRI.