

8.5.3.2 Lubrication as per Section 4.2 of WEG Manual

i. Grease type

WEG motors are supplied with ESSO POLYREX EM grease enough for the operating time period indicated on the data sheet and on the bearing identification nameplate.

The following are equivalent grease types that can be used:

Supplier	Optional grease type	Operating temperature	Application
Esso	Unirex N2(Lithium base)	-35 to +175 degC	Normal
Petrobras	Lubrax GMA-2 (Lithium base)	0 to 130 degC	
Shell	Alvania R3 (Lithium base)	-35 to +130 degC	



NOTE: Never mix greases with different base components!

ii. Grease quantity and re-greasing interval

Motor KKS	Motor type	Front bearing DE (Note 1)			Rear bearing NDE (Note 1)		
		Type	Regreasing interval (hours)	Grease amount (g)	Type	Regreasing interval (hours)	Grease amount (g)
1/2/3/4/5/6 0PGC10/11/12 AP 001 –MO1	355 M/L	NU-322 C3	5000	60	6319-C3	5,000	45



NOTE:

1. Refer to Motor Datasheets as per reference 5.3 (i)
2. Motors kept in stock should be re-lubricated every six months. Once a month, shaft must be rotated in order to have the grease homogenized.