

# BE GREASE SMART

## MOTOR BEARING GREASE RELUBRICATION INTERVALS (IN MONTHS)

### NLGI GREASE COMPATIBILITY CHART

	Aluminum Complex	Barium	Calcium	Calcium 12-hydroxy	Calcium Complex	Clay	Lithium	Lithium 12-hydroxy	Lithium Complex	Polyurea
Aluminum Complex	X	I	I	C	I	I	I	I	C	I
Barium	I	X	I	C	I	I	I	I	I	I
Calcium	I	I	X	C	I	C	C	B	C	I
Calcium 12-hydroxy	C	C	C	X	B	C	C	C	C	I
Calcium Complex	I	I	I	B	X	I	I	I	C	C
Clay	I	I	C	C	I	X	I	I	I	I
Lithium	I	I	C	C	I	I	X	C	C	I
Lithium 12-hydroxy	I	I	B	C	I	I	C	X	C	I
Lithium Complex	C	I	C	C	C	I	C	C	X	I
Polyurea	I	I	I	I	C	I	I	I	I	X

**B = Borderline Compatibility; C = Compatible; I = Incompatible.**

There are many types of bearing greases available for use in electric motors, but be careful. Not all of them are compatible. The wrong grease could lead to bearing failure and severe damage to your equipment. Another common cause of electric motor failure is over-greasing of the bearings, which can lead to excess temperatures and can even contaminate the motors windings. The charts above show the recommended intervals for bearing lubrication, as well as the compatibility of various greases. Save yourself time and money.

***Be grease smart.***