

<b>THICKENER TYPE</b>	Aluminum Complex	Barium Complex	Calcium Stearate	Calcium 12-Hydroxy	Calcium Complex	<b>THIXOGREASE</b>	Clay (Non-Soap)	Lithium Stearate	Lithium 12-Hydroxy	Lithium Complex	Polyurea (Conventional)	Polyurea (Lubrilife)
Aluminum Complex	X	I	I	C	I	<b>B</b>	I	I	I	I	I	C
Barium Complex	I	X	I	C	I	<b>C</b>	I	I	I	I	I	<b>B</b>
Calcium Stearate	I	I	X	C	I	<b>C</b>	C	C	<b>B</b>	C	I	C
Calcium 12-Hydroxy	C	C	C	X	<b>B</b>	<b>B</b>	C	C	C	C	I	C
Calcium Complex	I	I	I	B	X	<b>I</b>	I	B	<b>B</b>	C	I	I
<b>THIXOGREASE</b>	<b>B</b>	<b>C</b>	<b>C</b>	<b>B</b>	<b>I</b>	<b>X</b>	<b>I</b>	<b>B</b>	<b>B</b>	<b>C</b>	<b>I</b>	<b>C</b>
Clay (Non-Soap)	I	I	C	C	I	<b>I</b>	X	I	I	I	I	<b>B</b>
Lithium Stearate	I	I	C	C	<b>B</b>	<b>B</b>	I	X	C	C	I	C
Lithium 12-Hydroxy	I	I	B	C	<b>B</b>	<b>B</b>	I	C	X	C	I	C
Lithium Complex	I	I	C	C	C	<b>C</b>	I	C	C	X	I	C
Polyurea (Conventional)	I	I	I	I	I	<b>I</b>	I	I	I	I	X	C
Polyurea (Lubrilife)	C	<b>B</b>	C	C	I	<b>C</b>	<b>B</b>	C	C	C	C	<b>X</b>

#### Relative Compatibility Rating

**B = BORDERLINE      C = COMPATIBLE    I = INCOMPATIBLE**

**COMPATIBILITY:** Whenever two greases with different thickener systems are mixed in service, there is a possibility of incompatibility resulting in poorer performance. It is always preferable and advisable to clean the old grease completely from the bearing prior to using a new grease. In cases where this is impossible or impractical, this chart can be used as a guide. The chart lists various common grease thickeners and their relative compatibilities. Greases rated compatible are expected to be interchangeable in applications without any effect on lubrication properties. Greases that are rated incompatible should not be mixed in any application; the old grease needs to be cleaned from the bearing completely. Those rated borderline will usually be compatible, but should be carefully monitored in the period when the old grease is being replaced by **Thixogrease**.