



PROPERTIES CHART

	SODIUM SOAP	SODIUM COMPLEX	CALCIUM SOAP	CALCIUM COMPLEX	LITHIUM SOAP	LITHIUM COMPLEX	ALUMINUM COMPLEX	CLAY	POLYUREA
MAX USE TEMPERATURE, °F (°C)	300 (149)	400 (204)	180 (82)	>400 (>204)	300 (149)	>400 (>204)	450 (232)	400 (204)	475 (246)
MAX EXTENDED USE TEMP, °F (°C)	200 (93)	250 (121)	125 (52)	225 (107)	225 (107)	325 (163)	275 (135)	325 (163)	350 (177)
CORROSION PROTECTION	GOOD		REQUIRES ADDITIVES						
WATER RESISTANCE	POOR	POOR	GOOD	GOOD	GOOD	GOOD	EXCELLENT	FAIR	GOOD
CONSISTENCY STABILITY	GOOD	GOOD	FAIR/GOOD	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	FAIR	FAIR ¹
CHANNELING		GOOD							
DISPENSABILITY		FAIR		POOR			GOOD	GOOD	
EP PROTECTION				EXCELLENT			GOOD ²	GOOD ²	

¹GOOD AT HIGHER SHEAR RATES

² WITH ADDITIVES

NGLI 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