

THE PHILLIPS 66® PREMIUM GREASE GUIDE

THE RIGHT GREASE FOR ALL YOUR APPLICATIONS

This chart guides you through the range of Phillips 66 greases available for your specific application needs. Select your ideal grease based on a number of characteristics and application criteria. Our grease specialists can help you with any specific requirements. Call our Technical Hotline at 877.445.9198 to speak to an expert.



THICKENER	NAME	COLOR	TEXTURE	BO TYPE	BASE OIL VISCOSITY CST @ 40°C	NLGI GRADE	GC-LB	PROPERTIES			LOAD-CARRYING CAPACITY	WATER WASHOUT	LOW TEMPERATURE PUMPABILITY	TEMPERATURE RANGE -°F TO +°F	TYPICAL APPLICATION	INDUSTRIES
								EP	AW	M / G						
LITHIUM	Dynalife® CP	Green	Semi-fluid	Mineral	20	00		•	•		N/A	N/A	VG	-20°F to +200°F	Cotton picker grease	
	Dynalife CG	Brown	Tacky	Mineral	>3200 w/poly	0.5/1		•	•		Moderate	VG	G	-20°F to +210°F	Coupling grease / Mobile equipment	
	Dynalife 150 #1	Orange	Tacky	Mineral	150	1		•	•		Moderate	VG	VG	-20°F to +250°F	Chassis elements / Mobile equipment / Moderate loads	
	Dynalife 150 #2	Orange	Tacky	Mineral	150	2		•	•		Moderate	VG	G	-20°F to +250°F	Chassis elements / Mobile equipment / Moderate loads	
	Dynalife 150 #3	Orange	Tacky	Mineral	150	3		•	•		Moderate	VG	G	-5°F to +250°F	Electric motor bearings / High speed bearings / Light loads	
	Dynalife 220 #000	Orange	Semi-fluid	Mineral	320	000		•	•		Moderate	N/A	VG	-20°F to +210°F	Gearboxes / Central lubrication systems	
	Dynalife 220 #00	Orange	Semi-fluid	Mineral	220	00		•	•		Moderate	N/A	VG	-20°F to +210°F	Gearboxes / Central lubrication systems	
	Dynalife 220 #0	Orange	Smooth	Mineral	220	0		•	•		Moderate	N/A	G	-20°F to +230°F	Gearboxes / Central lubrication systems	
	Dynalife 220 #1	Orange	Smooth / Tacky	Mineral	220	1		•	•		Moderate	VG	VG	-20°F to +250°F	Chassis elements / Mobile equipment / Moderate loads	
	Dynalife 220 #2	Orange	Smooth / Tacky	Mineral	220	2		•	•		Moderate	VG	G	-20°F to +250°F	Chassis elements / Mobile equipment / Moderate loads	
Dynalife XD1 #2	Grey	Tacky	Mineral	220	2		•	•	M 1%	Moderate	EX	G	-20°F to +250°F	Chassis elements / CV joints / Vibrating bearings / Pins		
LITHIUM COMPLEX	Multiplex® 150 #2	Blue	Smooth	Mineral	150	2	Yes	•	•		Moderate	VG	VG	0°F to +325°F	Wheel bearings / Chassis elements / Mobile equipment / Moderate loads	
	Kendall® L-427 Super Blu®	Blue	Smooth	Mineral	150	2	Yes	•	•		Moderate	VG	VG	0°F to +325°F	Wheel bearings / Chassis elements / Mobile equipment / Moderate loads	
	Multiplex 220 #1	Red	Tacky	Mineral	220	1	Yes	•	•		Moderate	G	EX	0°F to +325°F	Wheel bearings / Chassis elements / Mobile equipment / Moderate loads	
	Multiplex 220 #2	Red	Tacky	Mineral	220	2	Yes	•	•		Moderate	G	VG	0°F to +325°F	Wheel bearings / Chassis elements / Mobile equipment / Moderate loads	
	Multiplex 460 #1	Green	Smooth / Tacky	Mineral	460	1		•	•		High	VG	G	0°F to +325°F	Heavily loaded bearings / Low speeds / Elevated temperatures	
	Multiplex 460 #2	Green	Smooth / Tacky	Mineral	460	2		•	•		High	VG	G	0°F to +325°F	Heavily loaded bearings / Low speeds / Elevated temperatures	
	Multiplex 600 #1	Red	Smooth / Tacky	Mineral	630	1	Yes	•	•		High	VG	G	-10°F to +325°F	Heavily loaded bearings / Low speeds / Elevated temperatures	
	Multiplex 600 #2	Red	Smooth / Tacky	Mineral	630	2	Yes	•	•		High	VG	G	-10°F to +325°F	Heavily loaded bearings / Low speeds / Elevated temperatures	
	Multiplex FS 32 #1	Purple	Smooth	Synthetic	29	1		•	•		Moderate	VG	EX	-30°F to +325°F	High speed bearings / Cold temperatures / Light-moderate loads	
	Multiplex FS 100 #2	Purple	Smooth	Synthetic	100	2		•	•		Moderate	EX	EX	-25°F to +325°F	Electric motor bearings / Wheel bearings / Cold temperatures	
Multiplex FS 220 #2	Purple	Smooth	Synthetic	220	2	Yes	•	•		Moderate	EX	VG	-20°F to +325°F	Fan bearings / Wheel bearings / Medium speeds / Cold temperatures		



EP: EXTREME-PRESSURE | AW: ANTIWEAR | M: MOLY | G: GRAPHITE

EX: EXCELLENT | VG: VERY GOOD | G: GOOD | F: FAIR

THICKENER	NAME	COLOR	TEXTURE	BO TYPE	BASE OIL VISCOSITY CST @ 40°C	NLGI GRADE	GC-LB	PROPERTIES			LOAD-CARRYING CAPACITY	WATER WASHOUT	LOW TEMPERATURE PUMPABILITY	TEMPERATURE RANGE °F TO +°F	TYPICAL APPLICATION	INDUSTRIES
								EP	AW	M / G						
LITHIUM COMPLEX	Multiplex FS 460 #1.5		Smooth	Synthetic	460	1.5		•	•		Moderate	EX	G	-20°F to +325°F	Heavily loaded bearings / Paper machine lubrication / Low speeds	
	Multiplex FS ELL #00		Smooth	Synthetic	460	00		•	•		Moderate	N/A	EX	-25°F to +325°F	Wheel bearings / Central lubrication systems / Elevated temperatures	
LITHIUM COMPLEX WITH MOLY	Megaplex® XD3 #1		Tacky	Mineral	460	1	Yes	•	•	M 3%	High	EX	G	0°F to +325°F	Pins / Bushings / Open gears / Turret gears / Vibrating low speed roller bearings	
	Megaplex XD3 #2		Tacky	Mineral	460	2		•	•	M 3%	High	EX	G	0°F to +325°F	Pins / Bushings / Open gears / Turret gears / Vibrating low speed roller bearings	
	Megaplex XD5 #0		Tacky	Mineral	220	0		•	•	M 5%	High	F	EX	0°F to +325°F	Pins / Bushings / Open gears / Turret gears	
	Megaplex XD5 #1		Tacky	Mineral	340	1		•	•	M 5%	High	G	VG	0°F to +325°F	Pins / Bushings / Open gears / Turret gears / Vibrating low speed roller bearings	
	Megaplex XD5 #2		Tacky	Mineral	460	2		•	•	M 5%	High	EX	G	0°F to +325°F	Pins / Bushings / Open gears / Turret gears / Vibrating low speed roller bearings	
CALCIUM SULFONATE COMPLEX	Omniguard® 220 #1		Smooth	Semi Synthetic	220	1	Yes	•	•		High	VG	G	-5°F to +300°F	Heavily loaded bearings / Medium speeds / Wheel bearings	
	Omniguard 220 #2		Smooth	Semi Synthetic	220	2	Yes	•	•		High	EX	G	-5°F to +300°F	Heavily loaded bearings / Medium speeds / Wheel bearings / 5th wheel	
	Kendall SHP® #1		Smooth	Semi Synthetic	150	1	Yes	•	•		Moderate	VG	G	-5°F to +300°F	Heavily loaded bearings / Medium speeds / Wheel bearings	
	Kendall SHP #2		Smooth	Semi Synthetic	150	2	Yes	•	•		Moderate	EX	G	-5°F to +300°F	Heavily loaded bearings / Medium speeds / Wheel bearings / 5th wheel	
	Omniguard 460 #1		Smooth	Mineral	460	1		•	•		High	EX	G	0°F to +325°F	Heavily loaded bearings / Moderate loaded open gears / Low speeds	
	Omniguard 460 #2		Smooth	Mineral	460	2		•	•		High	EX	G	0°F to +325°F	Heavily loaded bearings / Moderate loaded open gears / Low speeds	
	Omniguard XD5 #1		Smooth	Mineral	150	1		•	•	M 5%	High	EX	G	-5°F to +300°F	Heavily loaded pins / Bushings / Turret gears / Open gears	
	Omniguard XD5 #2		Smooth	Mineral	150	2		•	•	M 5%	High	EX	G	-5°F to +300°F	Heavily loaded pins / Bushings / Turret gears / Open gears	
	Omniguard FS XD5 #1		Smooth	Synthetic	37	1		•	•	M 5%	High	VG	G	-20°F to +300°F	Heavily loaded pins / Bushings / Turret gears / Open gears / Drilling equipment / Cold temperatures	
	Omniguard FS XD5 #2		Smooth	Synthetic	37	2		•	•	M 5%	High	EX	G	-20°F to +300°F	Heavily loaded pins / Bushings / Turret gears / Open gears / Drilling equipment / Cold temperatures	
	Omniguard OSP 320		Smooth	Semi Synthetic (OSP)	334	2		•	•		High	EX	VG	-30°F to +375°F	Heavily loaded bearings / Low speeds / High temperatures	
POLYUREA	Polytac® #2		Smooth	Mineral	100	2					Light	EX	G	-30°F to +325°F	Electric motor bearings / Yellow metal bearings / High-medium speeds / Non-EP applications	
	Polytac EP #2		Smooth	Mineral	100	2	Yes	•	•		Light	EX	G	-30°F to +325°F	Medium loaded bearings / High speeds	
	Kendall EBL #00		Smooth	Mineral	100	00		•	•		Light	N/A	VG	-20°F to +300°F	Sealed wheel bearings / Special purpose	
SPECIALTY	Trolley Wire Lube		Semi-fluid	Mineral	68	<000				G 10%	Light	N/A	VG	-20°F to +250°F	Wire / Cable / Chassis elements	
	Kendall C-915 Fifth Wheel		Smooth / Tacky	Mineral	460	1		•	•	G 10%	Moderate	N/A	G	0°F to +250°F	5th wheel / Chassis elements / Low speed roller bearings	
	Moly Low Temp #1		Smooth	Mineral	25	1		•	•	M 5%	Moderate	G	EX	-30°F to +325°F	Chassis elements / Low speed plain bearings / Cold temperatures	
	Food Machinery Grease #2		Smooth / Tacky	White oil	220	2		•	•		High	VG	G	0°F to +325°F	Food machinery grease / Bearings / Chassis elements	
	Bentone #2		Smooth	Mineral	450	2		•	•		Moderate	G	G	20°F to +375°F	Heavily loaded bearings / Medium speeds / Chains / High temperatures	
	Cable Lube		Semi-fluid	Mineral	1,375 w/o solvent 15 w/solvent	-					Moderate	N/A	G	-20°F to +250°F	Cable lubrication / Open gears / Sliding surfaces	

AGRICULTURE	CABLE / WIRE	CONSTRUCTION & MINING	HIGHWAY
INDUSTRIAL	MARINE	OFF-ROAD	PASSENGER CARS / LIGHT COMPACT VEHICLES

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