

# GREASE COMPARISON CHART



BRAND	PRODUCT	GRADE	THICKENER TYPE	COLOR	*APPROXIMATE TEMPERATURE RANGE, °F (°C)																			**FOUR BALL		PERFORMANCE/COMMENTS							
					-65 (-54)	-45 (-43)	-35 (-37)	-25 (-32)	-20 (-29)	-15 (-26)	-10 (-23)	-5 (-21)	0 (-18)	10 (-12)	20 (-7)	30 (-1)	40 (4)	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)	125 (52)	150 (66)		175 (79)	200 (93)	225 (107)	250 (121)	275 (135)	300 (149)	350 (177)
Jet-Lube®	Alco-EP™	2	Aluminum Complex	Black				-25°F (-32°C) to 450°F (232°C)																			500	0.60	Multipurpose grease that contains moly and graphite.				
Jet-Lube®	Alco-EP-73 Plus™	2	Aluminum Complex	Red				-25°F (-32°C) to 450°F (232°C)																			315	0.70	Exceeds military specification MIL-G-18458B-SH.				
Jet-Lube®	Alco-EP™ ECF™	2	Aluminum Complex	Pale Red				-10°F (-23°C) to 450°F (232°C)																			--	0.70	Biodegradable multipurpose grease.				
Jet-Lube®	AP-1™	2	Clay	Amber				0°F (-18°C) to 550°F (288°C)																			160	0.65	High temperature multipurpose grease.				
Jet-Lube®	AP-1W™	2	Clay	Off-White				-20°F (-29°C) to 550°F (288°C)																			160	0.70	High temperature grease. Protects against rust and corrosion.				
Jet-Lube®	AP-5™	2	Clay	Black				0°F (-18°C) to 550°F (288°C)																			250	0.70	High temperature extreme pressure grease with moly.				
Jet-Lube®	Arctic™	2	Calcium 12-Hydroxy Stearate	Amber		-65°F (-54°C) to 225°F (107°C)																			400	0.66	All-season formula. Effective in winter or summer.						
Whitmore®	Caliber® 3M and 5M	(3M) Arctic 0, 1, 2 (5M) Arctic 0, 1, 2	Lithium Complex	Gray				-23°F (-31°C) to 200°F (93°C)																			Arctic - 400 0, 1, 2 - 800	Arctic - 0.66 0, 1, 2 - 0.50	Meets caterpillar spec. Contains 3% or 5% moly.				
Whitmore®	Caliber® 460 M	2	Lithium Complex	Black				-23°F (-31°C) to 200°F (93°C)																			620	0.57	Robust grease for earthmoving machines.				
Whitmore®	Caliber® Blue	1, 2	Lithium	Blue				18°F (-8°C) to 200°F (94°C)																			620	0.65	Used in heavy duty equipment in milder climates.				
Whitmore®	Caliber® XR	2	Lithium	Gray				-25°F (-32°C) to 300°F (149°C)																			620	0.50	Tacky heavy-duty grease.				
Jet-Lube®	CB-2™	2	Lithium 12-Hydroxy	Amber to Brown				0°F (-18°C) to 300°F (149°C)																			200	0.70	Resistant to heat, water, oxidation and heavy loading.				
Jet-Lube®	CC Lube™	1.5	Aluminum Complex	Clear				0°F (-18°C) to 400°F (204°C)																			--	0.70	NSF H-1 registered. Kosher and Halal approved.				
Jet-Lube®	CSC Grease FG	2	Calcium Sulfonate	White				30°F (-1°C) to 350°F (177°C)																			800	0.54	NSF H-1 registered. Kosher and Halal approved.				
Jet-Lube®	Deacon® PFPE Grease	2	PTFE	White to Beige				-33°F (-36°C) to 500°F (260°C)																			800	---	High temperature inert grease.				
Jet-Lube®	EP Bearing Grease	2	Lithium	Purple				0°F (-18°C) to 325°F (163°C)																			315	0.70	Heavy duty grease suitable for electric motor bearings.				
Jet-Lube®	FMG™	0, 1, 2	Aluminum Complex	White				-25°F (-32°C) to 300°F (155°C)																			0 - 400 1, 2 - 400-500	0 - 0.60 1, 2 - 0.70	NSF H-1 registered. Kosher and Halal approved.				
Jet-Lube®	Jet-Gold™ EP	1, 2	Calcium Sulfonate	Peanut Butter				12°F (-11°C) to 400°F (204°C)																			800	1 - 0.60   2 - 0.45	Robust, heavy-duty, multipurpose grease.				
Jet-Lube®	Jet-Plex EP™	2	Lithium Complex	Red				14°F (-10°C) to 572°F (300°C)																			500	50	High Temperature multipurpose, extreme pressure grease.				
Jet-Lube®	Jet-Red™	2	Lithium Complex	Red				0°F (-18°C) to 400°F (204°C)																			500	0.55	Premium multipurpose grease.				
Whitmore®	Legacy™ M	1	Aluminum Complex	Dark Gray				-50°F (-46°C) to 330°F (166°C)																			400	0.50	Fully synthetic base oil. Designed for cold temperatures.				
Whitmore®	Matrix® EP	0, 1, 2	Calcium Sulfonate	Green				-20°F (-29°C) to 400°F (200°C)																			0 - 500 1, 2 - 800	0 - 0.60 1 - 0.60   2 - 0.45	Robust heavy duty grease.				
Whitmore®	Matrix® M	1, 2	Calcium Sulfonate	Dark Gray				12°F (-11°C) to 400°F (204°C)																			1, 2 - 800	1 - 0.44   2 - 0.50	Extreme-service grease with moly.				
Whitmore®	Polyna™ EP	2	Polyurea	Blue				20°F (-7°C) to 350°F (177°C)																			315	0.30	Long life in electric motor bearings.				
Jet-Lube®	White Lithium Grease	2	Lithium 12-Hydroxy	White				0°F (-18°C) to 370°F (188°C)																			200	0.70	NSF H-2 registered. Contains PTFE.				

Legend: B= Borderline C=Compatible I=Incompatible	Thickener Type	Aluminium Complex	Barium Complex	Calcium Stearate	Calcium 12 Hydroxy	Calcium Complex	Calcium Sulfonate Complex	Clay (non-soap)	Lithium Stearate	Lithium 12 Hydroxy	Lithium-Complex	Lithium-Calcium	Polyurea (conventional)	Polyurea (shear stable)*	Sodium
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alco-EP™	1	C	C	I	C	I	B	I	I	I	C	I	I	C	I
Alco-EP-73 Plus™	1	C	C	I	C	I	B	I	I	I	C	I	I	C	I
Alco-EP™ ECF™	1	C	C	I	C	I	B	I	I	I	C	I	I	C	I
AP-1™	7	I	I	I	I	I	I	C	I	I	I	I	I	I	I
AP-1W™	7	I	I	I	I	I	I	C	I	I	I	I	I	I	I
AP-5™	7	I	I	I	I	I	I	C	I	I	I	I	I	I	I
Arctic™	4	C	C	C	C	B	B	B	C	C	C	C	I	I	I
Caliber® 3M and 5M	10	C	I	C	C	C	C	I	C	C	C	C	I	C	C
Caliber® 460 M	10	C	I	C	C	C	C	I	C	C	C	C	I	C	B
Caliber® Blue	9	I	I	B	C	I	B	I	C	C	C	C	I	C	I
Caliber® XR	10	C	I	C	C	C	C	I	C	C	C	C	I	C	B
CB-2™	9	I	I	B	C	I	B	I	C	C	C	C	I	C	I
CC Lube™	1	C	C	I	C	I	B	I	I	I	C	I	I	C	I
CSC Grease FG	6	B	C	C	B	I	C	I	B	B	C	B	I	C	I
Deacon® PFPE Grease	N/A	Deacon® PFPE Grease should not be mixed with other grease types													
EP Bearing Grease™	9	I	I	B	C	I	C	I	C	C	C	C	I	C	I
FMG™	1	C	I	I	C	I	B	I	I	I	C	I	I	C	I
Jet-Gold™ EP	6	B	C	C	B	I	C	I	B	B	C	B	I	C	I
Jet-Plex EP™	10	C	I	C	C	C	C	I	C	C	C	C	I	C	B
Jet-Red™	10	C	I	C	C	C	C	I	C	C	C	C	I	C	B
Legacy™ M	1	C	C	I	C	I	B	I	I	I	C	I	I	C	I
Matrix® M	6	B	C	C	B	I	C	I	B	B	C	B	I	C	I
Matrix® EP	6	B	C	C	B	I	C	I	B	B	C	B	I	C	I
Polyna™ EP	13	I	I	I	I	B	I	I	B	I	B	I	B	C	I
White Lithium Grease	9	I	I	B	C	I	B	I	C	C	C	C	I	C	I

Condition/Application	Top Choices	Condition/Application	Top Choices
Automotive	Matrix® EP 2	High Speed Bearings	EP Bearing Grease™
Biodegradable	Alco-EP™, ECF™	High Temperatures	Matrix® EP, Jet-Gold™ EP, AP-5™, Deacon® PFPE Grease, Jet-Plex EP™
Caterpillar Equipment (Meets CAT® Specification)	Caliber® 3M, Caliber® 5M	Low Cost/Good Performance	Jet-Red™
Chemical Resistance	Deacon® PFPE Grease, Matrix® EP	Low Temperatures (-40°)	Legacy™ M, Arctic™
Couplings	Matrix® EP 1	Multipurpose	Alco-EP™, Matrix® EP, Jet-Gold™ EP, Jet-Red™, Jet-Plex EP™
Food Machinery	FMG™, CSC Grease FG	Steel Mill Roll Stands	Caliber® Blue
High Load/Shock Load/Slow Speed	Matrix EP, Jet-Gold™ EP, Jet-Red™	Water Resistance	Matrix® EP, Jet-Gold™ EP, Jet-Plex EP™