

GREASE COMPARISON CHART



WHITMORE®

JET-LUBE®

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)	400 (204)	450 (232)	500 (260)	550 (288)	WELD (kg)	WEAR (mm)	
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	Aluminum 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™