



Better than it has to be...
Since 1903.

Greases

Elixir High Performance Semi-Synthetic Grease - Blue Hi-Temp Grease - Pro Tac Plus Grease
Multi-Purpose Lithium Grease - Heavy Duty Wheel Bearing Grease



Consult your Amalie District Manager for specific pack sizes and product availability.



Elixir High Performance Semi-Synthetic Grease



Blue Hi-Temp Grease



Pro Tac Plus Grease



Multi-Purpose Lithium Grease



Heavy Duty Wheel Bearing Grease

Amalie Elixir High Performance Semi-Synthetic Grease is a semi-synthetic lithium complex grease possessing excellent water washout resistant properties and rust preventative properties, as well as offering extreme pressure and anti-weld protection. Applicable in a variety of automotive and industrial uses requiring extreme pressure protection, oxidation inhibition, water resistance, and anti-rust properties, including; disc brakes, wheel bearings, chassis, ball-joints, 5th wheels and others. Qualified under the NLGI GC-LB classification, Amalie Elixir High Performance Semi-Synthetic Grease is recommended for use in high-temperature, humidity, and water contamination applications such as mining, marine, and construction.

Amalie Blue Hi-Temp Grease is a premium, multi-purpose automotive/truck chassis and bearing lithium complex lubricant meeting the NLGI GC/LB performance target. Applicable in a variety of automotive and industrial uses requiring extreme pressure protection, oxidation, inhibition, water resistance, and anti-rust properties, including; disc brakes, wheel bearings, chassis, ball-joints, 5th wheels and others.

Amalie Pro Tac Plus Grease with 5% Moly is a lithium complex grease fortified with 5% molybdenum disulfide that meets Caterpillar's most stringent "moly" requirements. This robust grease prevents metal-on-metal contact under very high-shock loading conditions commonly found in agricultural and construction environments. Applicable in a variety of automotive and industrial uses requiring extreme pressure protection, oxidation inhibition, water resistance, and anti-rust properties, including;

disc brakes, wheel bearings, chassis, ball-joints, 5th wheels and others. Amalie Pro Tac Plus Grease is formulated with advanced chemistry to satisfy the stringent performance needs of heavy-duty equipment builders such as Caterpillar, Detroit Diesel/MTU, Kubota, and others.

Amalie Multi-Purpose Lithium Grease is a lithium thickened automotive and industrial grease possessing good extreme pressure, anti-wear properties, and strong anti-rust characteristics. Amalie Multi-Purpose Lithium Grease is recommended for cars, light trucks, SUV's, motorcycles and light trailers equipped with conventional brakes, or industrial application where an NLGI #2 is requisite.

Amalie Heavy Duty Wheel Bearing Grease is highly fibrous sodium grease formulated to provide excellent lubrication properties for open, heavy-duty bearings. Amalie Heavy Duty Wheel Bearing Grease imparts excellent resistance to displacement under high loads or centrifugal action. Not recommended for disc brakes.

Some performance levels are limited by viscosity grades. Please consult the Amalie Performance Application Chart, the Amalie Inspection Data Table for the appropriate Amalie product or contact your Amalie District Manager for more complete information and recommendations.

INSPECTION DATA TABLE

Amalie Grease	Elixir High Performance Semi-Synthetic Grease	Blue Hi-Temp Grease	Pro Tac Plus Grease	Multi-purpose Lithium Grease	Heavy Duty Wheel Bearing Grease
Color	Red	Blue	Gray	Maroon	Yellow
Texture	Smooth,Tacky	Smooth,Tacky	Smooth,Tacky	Smooth	Heavy Fibrous
NLGI Grade	2	2	2	2	4
Thickener	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Stearate	Sodium
Filler	Proprietary, 1%	None	Moly, 5%	None	Fiber
Dropping Point °C /°F	260/500	260/500	315/599	195/383	215/420
Timken OK Load Lbs. D-2509	80	80	50	40	20
Four Ball Weld Scar, mm D-2266	0.45	0.45	0.40	-	-
Four-Ball WeldPoint,kgf D-2596	315	315	500	160	126
Four-Ball Load Wear Index	50	50	64	-	-
Four-Ball last non-seizure Id.	80	80	100	-	-
Rust Corrosion Test, D-1743	Pass	Pass	Pass	Pass	Pass
Emcor Rust, IP220-mod, Distilled Water	0	0	0	-	-
Worked 60 Penetration, D-217	265-295	265-295	265-295	265-295	180-220
Penetration Consistency Change, Roll Stability, D-1831, mm/10	+/- 10 max	+/- 10 max	+/- 10 max	-	-
Wheel Bearing Leakage, D-4290, gloss	2.0	2.0	2.0	-	-
Oxidation Stability D-942, Pressure drop at 100 hrs, PSI	10 Max	2	5	-	-
Copper Strip Corrosion, D-4048	1b Max	1b Max	1b Max	1b Max	-
Oil Separation, D-1742, % loss	1	1	3 Max	-	-
Water Spray Resistance, D-4049, % Spray-off	12	12	15	-	-
Water Washout, D-1264, wt% loss at 79°C(175°F).	2.0	2.0	2.0	-	-
Characteristics					
Oil plus Oil Soluble Additives					
Viscosities:					
@ 100C, cSt.	12.65	38.9	12.6	-	-
@40C, cSt.	163.0	538	162	-	-
Viscosity Index	56	114	55	-	-

PERFORMANCE APPLICATION CHART

Applications	Elixir High Performance Semi-Synthetic Grease	Blue Hi-Temp Grease	Pro Tac Plus Grease	Multi-purpose Lithium Grease	Heavy Duty Wheel Bearing Grease
CV joints	P	A	P	NR	NR
Chassis (auto)	A	P	A	A	NR
Chassis (truck)	A	A	P	A	NR
Conveyor Belts	A	A	P	NR	NR
Drum and Shoe Bearing	P	P	A	A	A
EP (extreme pressure)	A	A	P	NR	NR
Extreme Temperature	P	A	P	NR	NR
5TH Wheel	P	A	P	A	A
General Purpose	P	P	P	A	A
High Impact Environment	A	A	P	NR	NR
High Water Environment	P	A	P	NR	NR
Off-Road SUV/Utility	P	P	P	NR	NR
Off-Road Heavy Duty	A	A	P	NR	NR
Outboard/Marine	P	A	P	NR	NR
Table & RockNeck Bearings	A	A	P	NR	NR
Trunion Bearings	P	A	A	NR	NR
Wheel Bearing (auto/truck)	P	P	P	NR	NR

P = Preferred , A = Applicable, NR = Not Recommended