

## Elixir Synthetic Blend Calcium Sulfonate Grease

(07/09/2021 edition)

**Amalie Elixir Synthetic Blend Calcium Sulfonate Grease** is a multi-purpose heavy-duty extreme pressure NLGI #2 GC/LB rated grease. It offers outstanding protection for all types of bearings even under heavy loads at both high and low temperatures – especially where moisture and condensation are a problem. AMALIE Elixir grease employs a calcium sulfonate soap thickener coupled with high quality base oils and is fortified with unique additives to provide superior rust and corrosion protection and to resist water washout. It performs effectively in construction, agricultural, commercial, mining, logging and hauling industries, trailers, truck and passenger car, and water sensitive wheel bearings on small, high-speed boat trailer wheels. Excellent for chassis, 5<sup>th</sup> wheel, ball joints, tie rod ends, and universal joints. Amalie Elixir is also recommended for heavy duty industrial applications such as lubricating electric motors, steel mill rollers, crusher bearings as well as low to high speed anti-friction bearings. It is engineered with a special gelation thickener to provide natural adhesive and cohesive properties that prevent moisture and corrosive elements from reaching critical parts.

### Benefits

- Wide Operating Temperature Range.
- High Load Carrying Capacity.
- Excellent wear and scuffing protection

### Typical Properties

Color	Green
Texture	Smooth
NLGI Grade	2
Thickener Type	Calcium Sulfonate
Solid Lubricant	None
Dropping Point °C /°F	300/570
Timken OK Load Lbs. D-2509	65
Four Ball Weld Scar, mm D-2266	0.5
Four-Ball Weld Point, kgf D-2596	620
Four-Ball Load Wear Index	65
Rust Corrosion Test, D-1743	Pass
Emcor Rust, IP220-mod, Distilled Water	0,0
Worked 60 Penetration, D-217	265-295
Penetration Consistency Change, Roll Stability, D-1831, mm/10	+/- 10 % max
Wheel Bearing Leakage, D-4290, g loss	2
Oxidation Stability D-942, Pressure drop at 100 hrs, PSI	5 max
Copper Strip Corrosion, D-4048	1b Max
Oil Separation, D-1742, % loss	1
Water Spray Resistance, D-4049, % Spray-off	12
Water Washout, D-1264, wt. % loss at 79°C (175°F).	2
Operating Temperatures, °C	-18 to 246

Typical values are listed. Variations not affecting the performance of this grease may occur during production.



Better than it has to be  
Since 1903

## TECHNICAL DATA SHEET

### Elixir Synthetic Blend Calcium Sulfonate Grease

**Amalie Elixir Synthetic Blend Calcium Sulfonate Grease** is recommended for anywhere a NLGI #2 GC/LB grease is specified. It is also recommended for construction, agricultural, commercial, mining, logging and hauling industries, trailers, truck and passenger car, and water sensitive wheel bearings on small, high-speed boat trailer wheels, chassis, 5<sup>th</sup> wheel, ball joints, tie rod ends, and universal joints. Amalie Elixir is also recommended for heavy duty industrial applications such as lubricating electric motors, steel mill rollers, crusher bearings as well as low to high speed anti-friction bearings.

#### Additional Information

Please use proper handling and care that you would use with any lubricating grease. Contact your Sales Representative for SDS.