

# Traveller Marine & Off-Road Grease

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**Traveller Marine Grease** is a high performance Overbased Calcium Sulfonate (OBCS), Extreme Pressure (EP), NLGI Grade #2 Synthetic-based grease developed for Marine and other applications needing severe service properties and/or a high resistance to washout, water, moisture, rust and corrosion. It demonstrates exceptional anti-wear properties, and oxidation and shear stability, provides outstanding low and high temperature performance and maximizes component life.

**Traveller Marine Grease** has been designed to lubricate under the most severe operating conditions in marine applications and because of its adhesive properties, it effectively stays in place. Traveller Marine Grease provides excellent fresh water and salt water corrosion protection. Its fortified formula provides excellent extreme pressure properties, effective water resistance and shock loading protection as indicated by the typical weld point of 500 kg, the minimum industry standard is 200 kg. Traveller Marine Grease is a truly universal marine grease with applications in trailer wheel bearing, trailer chassis lubrication and outboards, It also has crossover applications in automotive wheel bearing and chassis lubrication.  
**NOT RECOMMENDED FOR CENTRALIZED DISPENSING SYSTEMS.**

## RECOMMENDATIONS/SPECIFICATIONS

- Meets requirements of NLGI GC-LB
- ISO 6743-9 L-XBFIB 1/2
- DIN 51 502: KP1/2R-30

## SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling as for any petroleum product.

## FEATURES/ BENEFITS

- Provides exceptional water resistance and resistance to washout, including saltwater
- Provides outstanding Rust and Corrosion protection
- Provides excellent oxidation resistance and shear stability
- Provides outstanding anti-wear and extreme pressure protection
- Provides outstanding low and high temperature performance
- Resists softening due to heat
- Resists separation and pumps easily
- Calcium Sulfonate thickener gives dropping point in excess of 500 °F

## APPLICATIONS

**Traveller Marine & Off-Road Grease** is recommended for:

- Boat trailer wheel bearings
- Marine and other wet or high moisture applications
- Severe service, extreme environment and heavy duty applications
- Anchor cables
- Anti-friction and Plain bearings
- Pivot Pins
- Hoist Lines

## TECHNICAL PRODUCT INFORMATION

### TYPICAL CHARACTERISTICS

<b>Traveller Marine &amp; Off-Road Grease</b>		
<i>Properties</i>	<i>Test Method ASTM D-</i>	<i>Data</i>
All Applications		
Appearance	Visual	
Consistency	Visual	Smooth
Soap Type		Calcium Sulfonate
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	279
Drop Point (°C/°F)	2265	288(550)
Oil Separation	1742	0.5
Base Oil Viscosity	445	
cSt @ 40 °C		118
cSt @ 100 °C		12.5
Viscosity Index	2270	95
Automotive Applications		
Water Washout @ 175 °F	1264	0.5
Leakage Tendencies, g loss	4290	4
High Temp Life hours	3527	100
Fretting Protection mg	4170	6
Elastomer Change @ 100 °C Volume Change % Hardness Change %	4289	7.7 0
4 Ball Wear Scar Diam., mm	2266	0.45
4 Ball Load Wear Index kgf	2596	65
4 Ball EP Weld kgf	2596	500
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	9.0
Industrial Applications		
Timken OK Load lbs	2509	65
Cu Corrosion	4048	1b
Steel Corrosion, distilled water	4049	Pass
Steel Corrosion, 3% sea water	1743	Pass
Oxidation, psi drop @ 100 hrs	942	< 5 psi

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing