

Cat[®] Multipurpose Marine Grease

For Marine and Construction applications in wet conditions

NLGI Grade 2



Excellent Corrosion Protection Against Fresh and Salt Water

Cat[®] Multipurpose Marine Grease is designed to protect many types of equipment working in corrosive and water-related applications, including: bearings, cranes, gimbals, lifting tackle, open gears, splines, winches, and other deck equipment. Designed to stay in place under extreme pressure and at a wide temperature range, Cat Multipurpose Marine Grease delivers excellent protection no matter the weather or working conditions. The environmentally-friendly formulation of Cat Multipurpose Marine Grease contains no heavy metals or other harmful additives.

Benefits

Performance

- Strong adhesion, prevents wash out
- Wide temperature range, -22°F to 347°F (-30°C to 175°C)
- Extremely stable under heavy pressure loads and flooded conditions

Protection

- Seals out fresh and salt water
- Long-lasting protection
- Excellent rust and corrosion resistance



Cat[®] Multipurpose Marine Grease

Cat Grease Protects Against Wear and Corrosion

Extreme Duty and Environment

Cat Ultra 5Moly Grease
Cat Arctic Platinum™ Grease
Cat Desert Gold™ Grease

General Purpose

Cat Advanced 3Moly Grease
Cat Multipurpose Grease
Cat White Assembly Grease

Special Purpose

Cat High-Speed Ball Bearing Grease
Cat Generator Grease
Cat Hydraulic Hammer Paste

Cat Multipurpose Marine Grease is designed with an environmentally friendly formulation that contains no heavy metals or harmful additives.



Benefits

Long Lasting – Adheres strongly to components and resists washout to provide long-lasting protection.

Resists Breakdown – Maintains its consistency at high temperatures and at heavy loads to keep protecting even during severe conditions and applications.

Protects Against Corrosion – Seals out fresh and salt water, even under harsh conditions, and resists oxidation to protect metal against rust. Will not corrode or damage steel, copper bearing alloys, or conventional seal materials.

Cat Multipurpose Marine Grease Protects Better

Roll Test: Maintains Consistency to Protect Longer

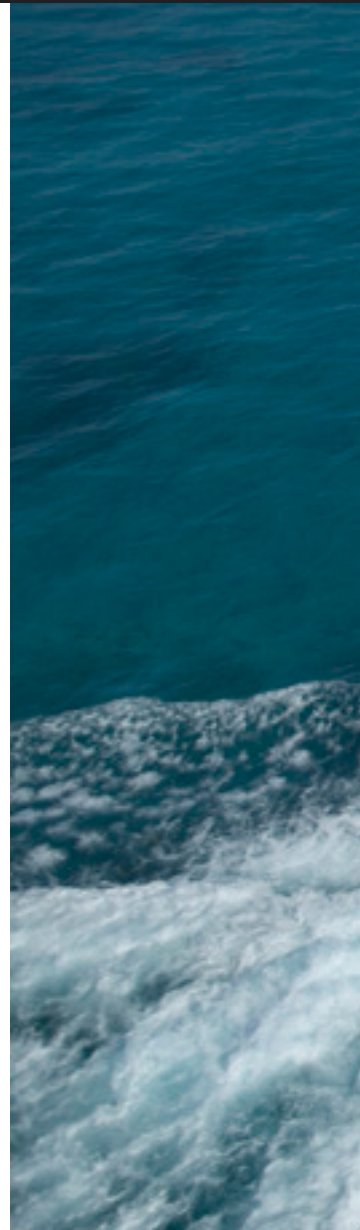
Testing shows that Cat Multipurpose Marine Grease maintains its consistency at high temperatures and during long periods of work in sea water. Because Cat Multipurpose Marine Grease can absorb great amounts of salt water (up to 50% of its volume), it can withstand severe working conditions that cause other brands of marine grease to break down and run out.



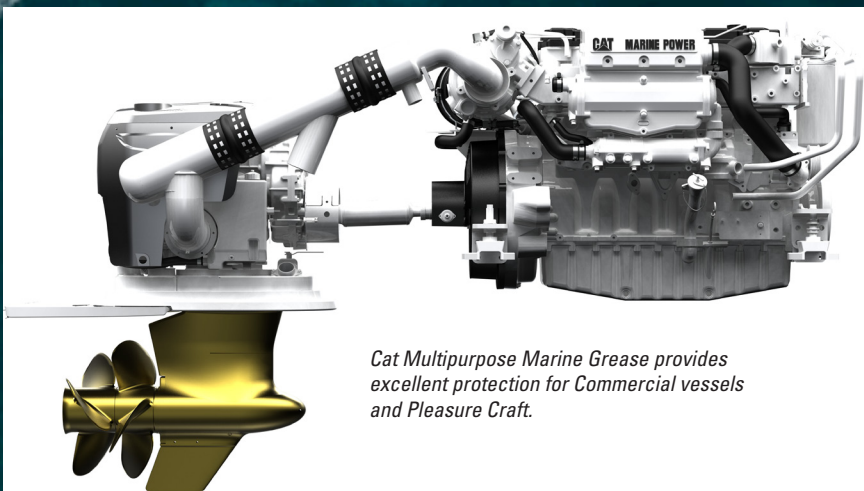
Cat[®] Multipurpose Marine Grease is stable in harsh environments, which means it stays in place to protect



Competitive marine grease breaks down quickly under stress and stops protecting.



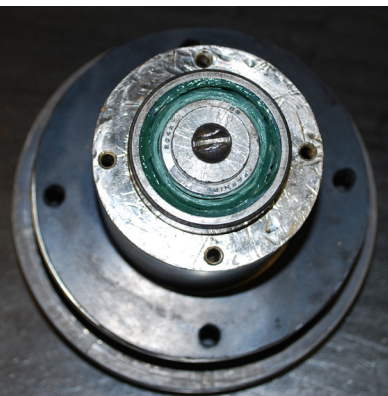
Cat® Multipurpose Marine Grease



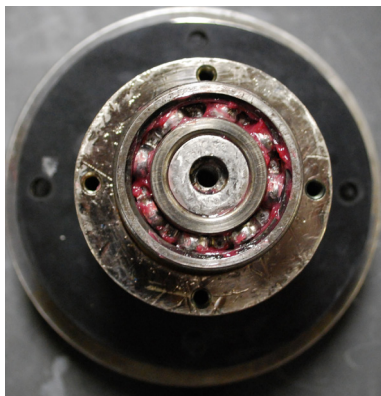
Cat Multipurpose Marine Grease provides excellent protection for Commercial vessels and Pleasure Craft.

Washout Test: Stays in Place Longer

Cat Multipurpose Marine Grease remained in place under the pressure of a direct water spray. This test demonstrates its excellent adhesion, high water absorption, and ability to maintain consistency.



Cat® Multipurpose Marine Grease stays in place to protect.



Competitive marine grease washes away leaving the bearing unprotected.

Salt Fog Test: Stops Corrosion

During a test that exposed a component to more than 4,000 hours of salt fog, Cat Multipurpose Marine Grease remained in place. At the end of testing no corrosion was found under the area protected by Cat Multipurpose Marine Grease.



Cat® Multipurpose Marine Grease withstood thousands of hours of salt fog while protecting the metal underneath.

Cat® Multipurpose Marine Grease

Typical Characteristics*

Color	Blue Green
NLGI Grade	2
Thickener	Overbased Calcium Sulfonate
Base Oil	Petroleum
Operating Range	-30°C to 175°C (-22°F to 347°F)
Viscosity Index, Min	95
Viscosity CST @ 40°C	110
Viscosity CST @ 100°C	12
Penetration Worked 60 Strokes	265 – 295
% Change/10,000 Stroke	+/-2
% Change/100,000 Stroke	+/-5
Oil Separation 24 Hrs @ (77°F)	0.25
Roll Stability Penetration w/H ² O, % change	+/-1
4 Ball Wear Test (mm) Scar (kg)	40
4 Ball E.P. Test Weld Point (kg)	500
Load Wear Index (kg)	65
Timken E.P. Test OK Load (lb) Typ.	65
Rust Test	Pass
Salt Fog Test, hours	+4,000
Water Washout @ 79°C (175°F), % loss	2.75
Wheel Bearing Leakage Grams Modified @ 163°C (325°F)	0.4
Dropping Point	298°C (570°F)

*The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.



Cat Multipurpose Marine Grease protects components working in wet applications: Commercial Marine and Pleasure Craft, as well as construction and other applications involving water.

Health and Safety

For information on proper use for health, safety, and environment, please refer to the Material Safety Data Sheet (MSDS). Read and understand the MSDS before using this product. Always observe good hygiene measures. For a copy of the MSDS, contact us or visit the web at www.catmsds.com.

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.



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