



PREMIUM PLUS MULTI-PURPOSE MARINE GREASE

For High Resistance Against Winter Rust and Corrosion

PRODUCT DESCRIPTION

PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE is engineered to meet a wide variety of boat and boat towing equipment requirements. It is an NLGI #2 grade grease that meets NLGI's highest standards for both wheel bearing and chassis lubrication (GC-LB). Its inherent water resistance, adhesive texture, and the fact that it is denser than water result in excellent resistance to water washout. This feature, coupled with good rust and corrosion protection, makes it an ideal choice for both fresh- and salt-water use.

PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE is resistant to pounding out under pressure. It exhibits exceptional stability and will not harden or set up in storage or use. PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE stays in place during use for extended periods without softening or flowing. It retains its consistency even at high temperatures. This feature, combined with its high melting point, makes it excellent for high temperature applications. PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE does not bleed, and tightly holds the oil within the grease structure, even at high temperatures.

PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE has been formulated with extreme pressure additives, which prevent metal-to-metal seizure under high load conditions and shearing forces. As evidenced by a 60-65 lb Timken rating and a 500 kg Four Ball EP Weld Load, PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE offers exceptional extreme pressure protection not typically found in other greases. This unique grease provides these load carrying capabilities without the use of heavy metals or chlorinated extreme pressure additives which can be toxic to the environment.

APPLICATION

PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE is specially formulated as an all-purpose grease for boats, boat trailers and other marine applications. Its high water resistance and protection against rust and corrosion make it the ideal choice for boat trailer bearings, including buddy bearings. The firm texture and high density of this grease make it highly resistant to being washed away when the trailer wheel bearings are submerged. PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE can also be used in other marine applications including splines, bushings, pins and bearings that require exceptional protection against rust and corrosion or water washout. It may also be used on fifth wheels.

PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE can also be used for passenger car chassis and wheel bearing lubrication since it meets NLGI GC-LB, the highest standards for wheel bearing and chassis greases. This grease provides outstanding protection against shock loads and pounding out which makes it an excellent choice for ball joints. Its high melting point and resistance against oxidative and thermal breakdown assure the ultimate in wheel bearing protection, including wheel bearings used in disc brake applications.

BENEFITS

- Highly water resistant
- Protects against rust and corrosion
- Good adhesive properties
- Exceptional extreme pressure and high load carrying capacity
- Mechanically stable
- Resists softening with temperature increase
- Will not "age harden"
- Outstanding resistance to heat
- Versatile, multi-purpose
- NLGI GC-LB certified

TYPICAL PHYSICAL AND CHEMICAL RESULTS
PENNZOIL® PREMIUM PLUS MULTI-PURPOSE MARINE GREASE

TEST	METHOD	TYPICAL RESULTS
NLGI Grade		2
Thickener Type		Calcium Sulfonate Complex
Color		Green
Texture		Smooth
Dropping Point, °F	ASTM D-2265	Over 500
Worked Penetration	ASTM D-217	
60 strokes		282
10,000 strokes		287
100,000 strokes		290
Roll Stability, % change	ASTM D-1831	+19
Oil Separation, % wt.	ASTM D-1742	0.2
Wheel Bearing Leakage, gm	ASTM D-1263	0.5
Rust Test	ASTM D-1743	Pass
Copper Corrosion	ASTM D-130	1A, pass
Water Washout % loss @ 175°F	ASTM D-1264	2.7
Timken EP Test, lbs.	ASTM D-2509	60
Four Ball EP Test	ASTM D-2596	
Weld Load, Kg		500
Load Wear Index		65
Four Ball Wear Test	ASTM D-2266	
Scar diameter, mm		0.4
Base Oil Properties		
Viscosity		
@ 40°C, cSt	ASTM D-445	206
@ 100°C, cSt	ASTM D-445	18
@ 100°F, SUS	ASTM D-445 & D-2161	1091
@ 210°F, SUS	ASTM D-445 & D-2161	93
Viscosity Index	ASTM D-2270	95
Pour Point, °C(°F)	ASTM D-97	+5(-15)
MSDS Number		12270
Material Number		
10/14 Ounce Cartridges		7690