

558 Enviro Blend

Valve Lubricant Grease Rudder Stalk Grease

DESCRIPTION:

Enviro Blend 558 is a non-toxic high performance valve lubricant grease engineered for superior performance with valves & bearings in contact with water. This product is suitable for use in environmentally sensitive areas.

COMPOSITION:

Enviro Blend 558 is completely non-hazardous, compounded with synthetic and non-toxic environmentally safe components of extremely high purity. It not only passes the "Shrimp Test", it will not produce a sheen on the water. Completely hydrophobic components, compounded with adhesive-cohesive materials, give Enviro Blend 558 excellent adherence to wet surfaces and make it completely waterproof so it will not wash off or throw off.

Enviro Blend 558 has been formulated and tested to outperform competitive products in the market. It contains highly effective extreme-pressure and friction modification additives, which provide superior protection in extreme applications. Enviro Blend 558 has complete shear stability, and in addition to being waterproof, will seal excellently and not pound out or break down under severe loading and sliding pressures. Highly effective rust preventative additives also provide a barrier of protection to prevent rusting of metal surfaces.

PERFORMANCE CHARACTERISTICS:

Enviro Blend 558 provides safe, superior performance in an extremely wide temperature range. It is extremely workable at low temperatures, yet the hottest equatorial climates will not soften it to any great degree to cause bleeding or oil separation to occur. It can be applied easily to wet or even submerged surfaces. Excellent lubrication is provided to heavily loaded, sliding surfaces, preventing excessive heat buildup which might be damaging to surface metallurgy. Enviro Blend 558 will not melt or run off at most any temperature.

Environmentally, Enviro Blend 558 has passed both protocols of the US Environmental Protection Agency for determining environmentally safe "fluids." In the Acute Toxicity to Mysidopsis Bahia ("Shrimp Test"), the LC-50 value necessary to pass the minimum EPA requirement is 30,000 ppm of sample in the water for 96 hours. Enviro Blend 558 achieved a LC-50 value of greater than 1,000,000 ppm because not one shrimp was dead in a maximum concentration of Enviro Blend 558. In the Static Sheen Test, Enviro Blend 558 caused no sheen, iridescence, gloss or increased reflectance on the surface of the test seawater, demonstrating that Enviro Blend 558 contains no free oil, making it environmentally friendly to natural waters.

TYPICAL SPECIFICATIONS:

NLGI Grade No.	2
mm ² /sec (cSt) of Base Oil at 40° Celcius	2000-2400
Viscosity Index	170
Unworked Penetration, 60 Strokes (ASTM D217)	290
Timken OK Load (ASTM D2509)	65 lbs
Four Ball Weld Load (ASTM D2596)	>800 kg
Four Ball Load Wear Index (ASTM D2596)	111.3
Salt Water Spray Test	pass
Color	green

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**TYPICAL
SPECIFICATIONS:**

Texture	smooth, adhesive
Drilling Fluid Toxicity Test	pass
Static Sheen Test	pass
Acute Toxicity (Mysidopsis Bahia; "Shrimp Test")	pass
Dropping Point, ASTM D566	non-melt
Water Washout, ASTM D1264	<1%