

BIODEGRADABLE LITHIUM COMPLEX # 2 Water Resistant Extreme Pressure (WREP) Grease

Description

RSC EnviroLogic® Grease 2 WREP is a water resistant, extreme pressure, biodegradable PAO and hydrocarbon related type, Lithium Complex grease. It is specially designed for high performance in a variety of marine and industrial equipment applications where exposure of the lubricant to water and environmental factors is a cause for concern. It is biodegradable and minimally toxic to aquatic life and animals.

RSC EnviroLogic® Grease 2 WREP is an Environmentally Acceptable Lubricant (EAL) compliant with 2013 US EPA Vessel General Permit (VGP). It was formulated to meet or exceed conventional and biodegradable greases. This grease offers:

- Outstanding water spray off performance
- Extreme pressure and anti-wear performance
- Broad operating temperature range (400°F to below freezing)
- Resistance to water wash out
- Ferrous and yellow metals corrosion protection
- Oxidatively stable
- Good pumpability
- Good shear stability
- Sealing properties to keep out water and debris

RSC EnviroLogic® Greases meet the requirements for various manufacturers. Visit our [website](#) or contact customer service for a full list of OEM approvals.

Typical Properties	Test Methods	Results
NLGI Grade	–	#2
Worked Penetration, (mm/10)	ASTM D217	275
Dropping Point, °F (°C)	ASTM D2265	500 (260)
Water Spray Off, (% loss)	ASTM D4049	4
Four-Ball Weld, (kgf)	ASTM D2596	400
Four-Ball Wear, mm	ASTM D2266	0.44
Steel Corrosion	ASTM D1743	Pass
Copper Corrosion	ASTM D4048	1b
Timken OK Load, lbs.	ASTM D2509	55
Water Washout, (% loss)	ASTM D1264	4.0

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<u>Typical Properties</u>	<u>Test Methods</u>	<u>Results</u>
Base Oil Viscosity @ 40°C, cSt.	ASTM D445	100 min.
Grease Mobility @ 40°F (4°C)	USS Method	30 g/min.
Color	Visual	Blue
Appearance	Characteristics	Smooth and tacky
Shear Stability, 10,000 strokes	ASTM D217	Remains in grade

NOTICE: While this information is presented in good faith and believed to be accurate, RSC Bio Solutions does not guarantee satisfactory results from reliance thereon. The data is offered solely for your information and RSC Bio Solutions disclaims all liability for any loss or damage from its use. Thoroughly test any application according to the product directions and independently conclude satisfactory performance. Nothing contained herein is to be construed as a recommendation to use the product in violation of any patent.

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For more information about RSC Bio Solutions, visit us at rscbio.com or call +1 704.684.6100.



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