

ENVIROLOGIC® GREASES

Biodegradable Lithium Complex Grease 0, 1 and 2

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EnviroLogic® Greases are VGP compliant, biodegradable polyalphaolefin (PAO) and hydrocarbon related type, Lithium Complex greases. These greases are designed to operate in severe outdoor environments and withstand corrosion in high performance industrial applications where incidental environmental exposure is a cause for concern. They are minimally toxic to aquatic life and animals, and are Environmentally Acceptable Lubricants (EALs) compliant with the 2013 US EPA Vessel General Permit (VGP). EnviroLogic® Grease #0, #1 and #2 offer extreme pressure and anti-wear performance and ultra-low temperature performance.

EnviroLogic® Greases operate in equipment/systems over a wide temperature range in applications from deck cranes and other moving parts on ships to construction equipment, garage doors and more. Plus, they demonstrate low temperature pumpability and minimal oil separation during storage.

Applications

- Deck cranes
- Wire ropes
- Davits
- Fin stabilizers
- Shaft bearings
- Stern thrusters
- Barges
- Roll On / Roll Off (RO/RO) hatches
- Cargo hold doors
- Moving parts on ships
- Construction / Mobile Equipment
- Tracks
- Hinges
- Vehicle chassis
- Trailers

Typical Properties	EnviroLogic® GREASES		
EnviroLogic® Product Number	GREASE 0	GREASE 1	GREASE 2
NLGI Grade	#0	#1	#2
Worked Penetration, (mm/10), ASTM D217	355-385	310-340	265-295
Dropping Point, °F, ASTM D2265	397	436	450
Oil Separation, %, ASTM D1742*	-	6	1.7
Four-Ball Weld, (kgf), ASTM D2596	250	250	315
Four-Ball Wear, mm, ASTM D2266	0.42	0.42	0.43
Steel Corrosion, ASTM D1743	Pass	Pass	Pass
Copper Corrosion, ASTM D4048	1b	1b	1b
Timken OK Load, lbs., ASTM D2509	-	-	55 Pass
LWI ASTM D 2596	-	-	-
Low Temperature Pumpability @ 30°F, psi, Lincoln Ventmeter	-	294	-
Base Oil Viscosity @ 40°C, cSt., ASTM D445	55 cSt	55 cSt	+55 cSt
Grease Mobility @ 40°F (4°C), USS Method	-	-	-
Color, Visual	Amber	Amber	Amber
Appearance, Visual and Characteristics	Smooth	Smooth	Smooth and tacky
Meets Articulated Tug Barge requirements	-	-	-
Shear Stability, 10,000 strokes, ASTM D217	-	-	-

*Oil Separation from Lubricating Grease during storage

OEM Approvals

EnviroLogic® Greases meet the requirements for many original equipment manufacturers. Please contact customer service for a full list of OEM approvals.