

EAG-2 ENVIRONMENTALLY ACCEPTABLE GREASE



Product Information

Viper EAG-2 Environmentally Acceptable Lubricant (EAL) is an environmentally friendly, synthetic, high-performance lubricant designed for Wire Rope Applications. While many EAL lubricants sacrifice performance and durability to meet regulatory requirements, Viper WRL's EAG-2 delivers uncompromised protection for all lubricated components.



EAG-2 Wire Rope Grease is the premium choice for operators who need outstanding equipment protection in environmentally sensitive applications on or near waterways. It meets the specifications required by the EPA's Vessel General Permit (VGP). It is readily biodegradable, with low toxicity to aquatic organisms, and is formulated with renewable raw materials.

It is a soft, semifluid formulation designed to coat wire rope as well as moving chain and cable parts to ensure long life, along with smooth and quiet operation. Providing high anti-wear protection and with a high load capacity the EAG-2 grease has strong adhesion characteristics, while also sealing out damaging moisture and protect against rust formation. Its robust additive package further helps it protect against wear, corrosion, impact, rust and oxidation.

Beneficial Qualities

- Strong extreme pressure and anti-wear protection and high load-carrying capacity: Provides superior protection in heavy rolling and sliding applications and against shock loads.
- Excellent mechanical stability: Resists shearing and loss of consistency after prolonged rolling and working of the grease.
- Outstanding resistance to water washout: Stays in place and resists displacement when immersed in water, critical in harsh marine and wet environments where grease loss can quickly lead to wear and unplanned downtime.
- Exceptional corrosion and rust protection: Helps prevent internal damage to equipment from chemical attack.
- High thermal and oxidative stability: Supports longer service life and cleaner systems.
- Wide operating temperature range – Helps equipment run reliably in both hot and cold conditions.
- Eco-friendly: Readily biodegradable grease with low toxicity to aquatic organisms, formulated with renewable raw materials. Contains no MOSH or MOAH.

Technical Data



NLGI Grade	2
Colour	Beige
Thickener Type	Calcium Sulfonate
Worked 60 Penetration ASTM D217	265
Viscosity @ 100°C, cSt ASTM D445	16.4
Viscosity @ 40°C, cSt ASTM D445	103
Dropping Point °C (°F) ASTM D2265	>300 (>572)
Oil Separation 24 hrs @ 25°C, 1.75 kPa (0.25 psi), % bleed, ASTM D1742	<1.3
Oil Separation 30 hrs @ 100°C, % bleed, ASTM D6184	<4.8
Water Washout @ 79°C, % ASTM D1264	<1.5
Roll Stability Dry % ASTM D1831	1.90%
Roll Stability Water % ASTM D8022	1.19%
Rust Test Emcor 3% NaCl, ASTM D6138	0, 0
Rust Test Emcor 100% Syn. Sea Water, ASTM D6138	0, 1
Corrosion Prevention DI H ₂ O, ASTM D1743	Pass
Corrosion Prevention Sea H ₂ O, ASTM D5969	Pass
Copper Corrosion 24 hrs @ 100°C, ASTM D4048	1A
Elastomer Comp SRE-NBR, Volume %, ASTM D4289	+2
Elastomer Comp SRE-NBR, Hardness %, ASTM D4289	-1
Fretting Wear Protection mg ASTM D4170	<10
Four-Ball Wear @ 75°C, 1,200 rpm, 40 kgf, 60 minutes, mm wear, ASTM D2266	<0.45
Four-Ball EP Weld Point kgf, ASTM D2596	620
Four-Ball EP Load Wear Index kgf, ASTM D2596	105
Timken OK Load lbs, ASTM D2509	>75
SRV-EP 80°C, 1 mm Stroke, 50 Hz Frequency, Ball on Disc, Max. load w/o seizure, N, ASTM D5706	1,300
Useful Temperature Range °C (°F)	-40 to 177 (-40 to 350)



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