

ML 221 WIRE ROPE COATING GREASE

PRODUCT INFORMATION

A high quality, lithium calcium mixed base grease, enriched with a special combination of additives and polymers which provide outstanding protection from oxidation and wear. ML221 Wire Rope Coating Grease offers excellent protection in humid environments and under severe operating conditions for long service periods. It provides superior protection against heavy loads due to the carefully selected EP additives and high viscosity base oil. It also contains extreme pressure additives that protect under high and/or shock load conditions even at elevated temperatures.



● Performance Level

- DIN 51825 KP1N-20

● Typical Applications

- All types of wire ropes including submerged wire ropes
- Mining
- Marine and ROV Cables
- Construction Equipment

● Application Methods

For best results, apply ML221 Wire Rope Coating Grease to the wire ropes via the VIPER Wire Rope Lubricator. Alternatively, apply via a brush or spatula.

● Beneficial Qualities

- Extends lube intervals and reduces lube consumption
- Excellent resistance to water wash-out by sea water or spray
- Increases wire rope life
- Reduces equipment downtime
- Reduces maintenance and operating costs = increased PROFITS
- Easy and safe to apply



Technical Details

	ASTM Test	Unit	Result
Soap Base			Lithium / Calcium
Colour			Red
Texture			Tacky, Adhesive
Worked Penetration at 25°C, 1/10mm	D-217	mm	310 - 340
NLGI Grade			1
Worked Penetration at 25°C, 100,000 strokes, 1/10mm	D-217	mm	+ 25
Roll Stability, 1/10mm	D-1841	mm	+ 30
Dropping Point, °C min	D-2265	°C	185
Four Ball Test - WP (kgf) - LWI	D-2596	kgf	400 52
Copper Corrosion, Classification	D-4048		1b
Oxidation Stability at 100 hr / 100°C	D-942	psi	2
Oil Separation	D-1742	% wt	1.75
EMCOR Sea Water	ISO11007		0-0
Wear Scar Diameter	D-2266		0.35
Water Washout at 80°C	D-1264	% wt	1.9
Base Oil Viscosity at 40°C	D-445	cSt	900
Flow Pressure @ -30°C	DIN51805	mbar	<1400
Working Temperature		°C	- 20 to + 120 + 140 for short intervals

MAK LUBES = QUALITY MAINTENANCE LUBRICANTS

Product Manufactured in Greece under an ISO 9001 and ISO 14001 Certified Quality & Environmental Management System

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