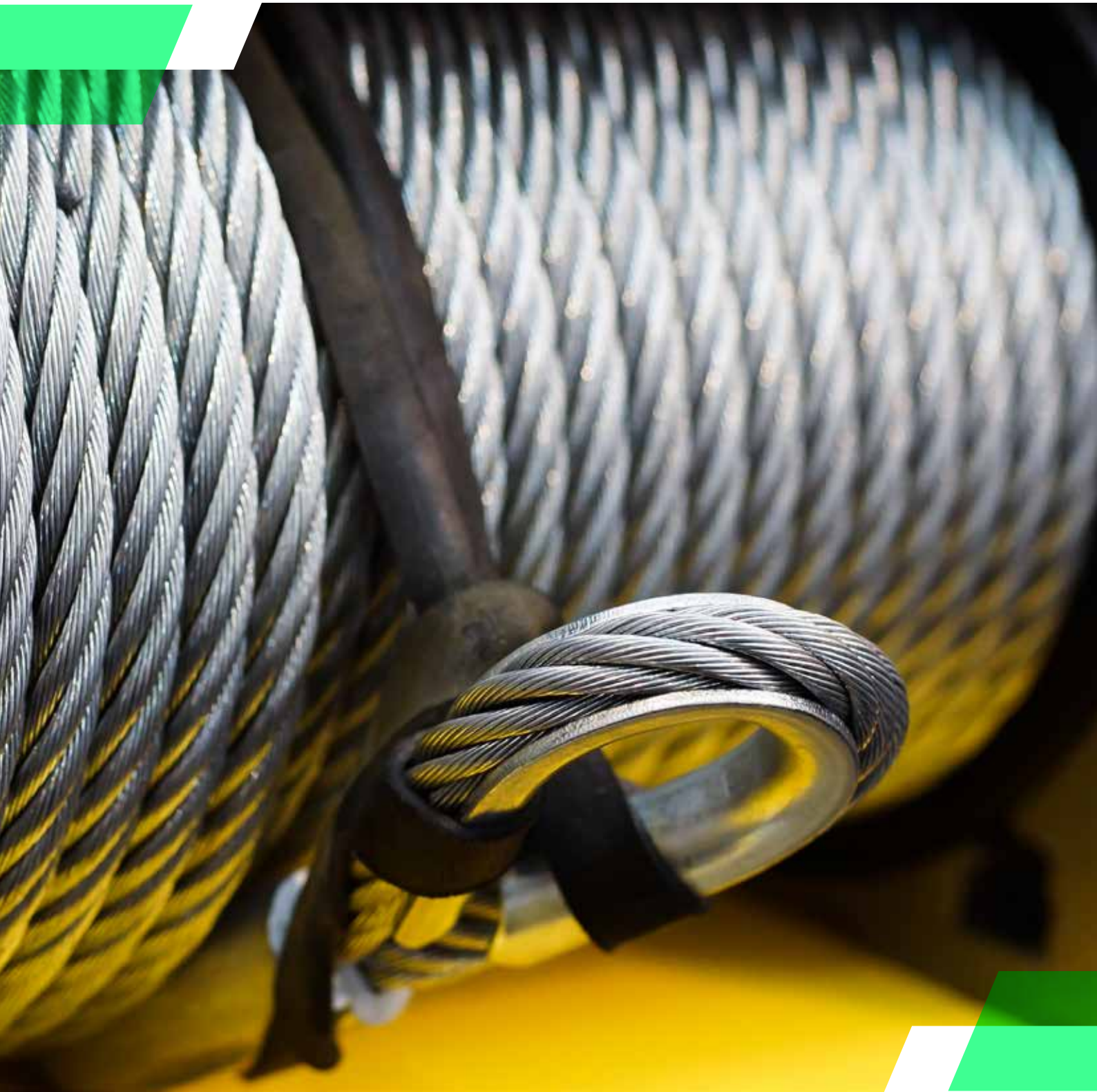




Trusted for Generations



Wire Rope Lubricants and Grease

www.vickers-oil.com

Wear and Corrosion Protection



Choosing the right lubricant

Using the correct lubricant with the appropriate application method can not only maximise the wire rope life but can also eliminate costly replacements and improve safety.

Two key factors that influence the life of the wire rope are resistance to wear and prevention of corrosion.

The correct type and quantity of lubricant will protect the wire rope from degradation, wear, and corrosion.

The fluidity of the lubricants helps to ensure that the rope strands are well lubricated, reducing internal wear caused by the metal-to-metal contact occurring when the wires slide or bend around a drum or sheave.

The Wire Rope Lubricants and Grease range prevent corrosion by displacing moisture and forming a thin barrier of continuous lubricant film protecting against the elements.

Wire Rope Protection

Coating lubricants and greases penetrate slightly and seal the outside of the cable from moisture, reducing wear, rust, and corrosion.

Vickers Oils Wire rope lubricants and grease

have been designed specifically to meet and exceed a variety of requirements across a wide range of applications and operating environments



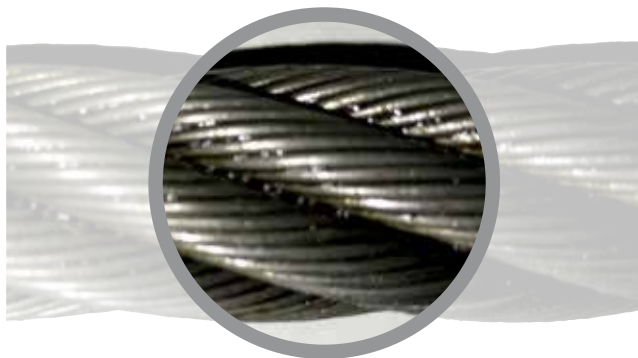
VICKERLUBE HV WRL



VICKERLUBE HV WRL

VICKERLUBE HV WRL is a mineral oil-based wire rope lubricant formulated to suit applications where high levels of corrosion and moisture are a concern.

VICKERLUBE HV WRL is a solvent free, viscous wire rope lubricant



A standard 16mm dia, 6 x 36 with steel core rope treated with VICKERLUBE HV WRL

Applications

VICKERLUBE HV WRL can be used on wire ropes to protect them while in storage against corrosion.

It can also be used to effectively lubricate operational wire ropes that are static or moving, against wear and corrosion.

Applications include:

- Quayside ship to shore cranes
- Container handling equipment including straddle carriers and reach stackers
- Marine Deck and Winch ropes
- All lifting and hoist ropes in mining and construction industries
- All static and guy rope applications typically found on bridge and waterway applications
- Lift and drag ropes used in logging and forestry applications

Features & Benefits

FEATURE	BENEFIT
De-watering characteristics	Displaces water, leaving a thin lubricant film
Corrosion protection	Increases rope and cable life even in salt water
Wear resistant	Protects ropes and cables against wear, increases life
Extreme pressure resistance	Maximises component life in all load conditions



VICKERLUBE BIO WRL



VICKERLUBE BIO WRL

VICKERLUBE BIO WRL is a biodegradable wire rope lubricants formulated using readily renewable and biodegradable base oils and is suitable for applications where lubricant contamination and environmental issues are a concern.

VICKERLUBE BIO WRL is a solvent free lubricant that penetrates slightly sealing the outside of the cable. The tacky formulation prevents fling-off and water-resistant characteristics displaces moisture to protect against corrosion.

Applications

VICKERLUBE BIO WRL can be used on wire ropes to protect them while in storage against corrosion.

It can also be used to effectively lubricate operational wire ropes that are static or moving, against wear and corrosion.

Applications include:

- Quayside ship to shore cranes
- Container handling equipment including straddle carriers and reach stackers
- Marine Deck and Winch ropes
- All lifting and hoist ropes in mining and construction industries
- All static and guy rope applications typically found on bridge and waterway applications
- Lift and drag ropes used in logging and forestry applications

Features & Benefits

FEATURE	BENEFIT
Biodegradable and renewable	Lowers environmental impact, responsibility
Low viscosity	Lubricates between rope strands
De-watering characteristics	Displaces water, leaving a thin lubricant film
Corrosion protection	Increases rope and cable life even in salt water
Wear resistant	Protects ropes and cables against wear, increases life
Extreme pressure resistance	Maximises component life in all load conditions

BIOGREASE EP2



BIOGREASE EP2

BIOGREASE EP2 is a biodegradable, extreme pressure grease. It is a Lithium / Calcium thickened grease based on fully saturated renewable esters.

BIOGREASE EP2 offers improved operation and lower environmental risk leading to overall cost savings.

It provides excellent resistance to water wash off and long lasting corrosion protection.

Applications

BIOGREASE EP2 can be used on wire ropes to protect them while in storage against corrosion.

It can also be used to effectively lubricate operational wire ropes that are static or moving, against wear and corrosion.

Applications include:

- Quayside ship to shore cranes
- Container handling equipment including straddle carriers and reach stackers
- Marine Deck and Winch ropes
- All lifting and hoist ropes in mining and construction industries
- All static and guy rope applications typically found on bridge and waterway applications
- Lift and drag ropes used in logging and forestry applications

Features & Benefits

FEATURE	BENEFIT
Biodegradable	Reduced environmental impact in the event of spillage
Low water washout	Increases relubrication intervals
Extreme pressure properties	Good load carrying, protection against shock loads
Oxidation resistant	Increased fluid life
Corrosion inhibited	Protects parts against corrosion
Impact resistance	Resists operational impacts to stay in place

Choosing the correct product



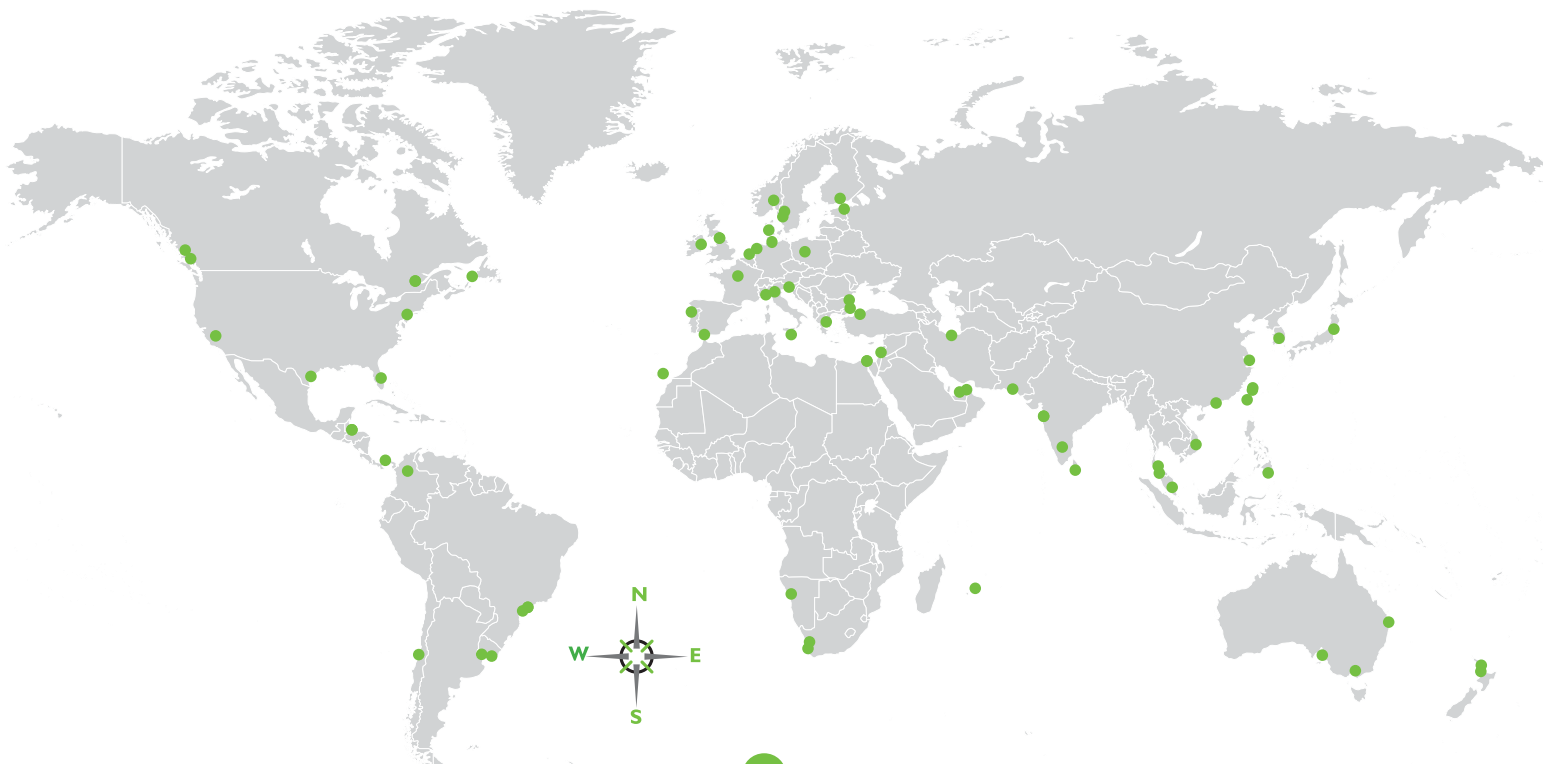
CHARACTERISTICS	VICKERLUBE HV WRL	VICKERLUBE BIO WRL	BIOGREASE EP 2
Colour	Clear Golden	Clear & Bright	Amber (Grease)
Viscosity at 40°C (cSt)	198	51	n/a
Flash Point (SETA) (°C)	>232	>200	>170 (base oil)
Pour Point (°C)	-5	-18	n/a
Copper corrosion	1b	1b	1b
4 Ball Weld Load (kgf)	160	200	400
4 Ball Wear Scar (mm)	0.64	0.5	0.52
Biodegradable & renewable	No	Yes	VGP Compliant
Rust Test (A - distilled water)	Pass	Pass	n/a
Rust Test (B - synthetic sea water)	Pass	Pass	n/a
NLGI	n/a	n/a	2
Worked penetration	n/a	n/a	274
Dropping point (°C)	n/a	n/a	178
EMCOR (ssw)	n/a	n/a	0,1
Shelf Life	7 years	3 years	5 years



Applicator		VICKERLUBE HV WRL	VICKERLUBE BIO WRL	BIOGREASE EP
Environmental			***	***
Spray		**	**	
Manual		***	***	**
Pressure				***
Use				
Penetrating		**	**	*
Immersion in water				***
Pack size and product number				
25 litre pails		✓ 10263	✓ 25765	
18kg pails				✓ 25892
400g cartridges				✓ 25892
180kg OH drum				✓ 25892



Trusted for Generations



An **award-winning range** of EALs
(Environmentally Acceptable
Lubricants)



Regional stock points
in **over 40 locations**



Ability and infrastructure to **respond**
quickly to urgent requirements

Service & Support

30% of our workforce are employed in the technical team, focusing on Quality Control, R&D, OEM liaison and Technical Service allowing us to provide one-on-one dedicated customer support by our team of highly qualified experts.



Field
Support



Lubrication
Surveys and
Recommendations



Equipment
Reports
and Analysis



Lubricant
Analysis



Training

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