

# VICKERLUBE LV WRL



## PART NUMBER

25963

## DESCRIPTION

VICKERLUBE LV WRL is a mineral oil-based wire rope lubricant with a solvent component intended for spray application and to assist with penetration into the rope core.

The low viscosity allows lubricant to penetrate between the strands of the rope providing complete rope lubrication. Once the solvent evaporates a high viscosity oil is left in-situ.

VICKERLUBE LV WRL is formulated to suit applications where high levels of corrosion and moisture are a concern. The fluidity 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. Corrosion is prevented by displacing moisture and forming a thin barrier of continuous lubricant film protecting against the elements.

For a biodegradable version please see VICKERLUBE BIO LV WRL.

## APPLICATIONS

VICKERLUBE LV 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

## METHOD OF APPLICATION

VICKERLUBE LV WRL can be applied manually or by spraying. Store in a cool, dry place, out of direct sunlight. Storage temperature should be below 50°C.

## FEATURES AND BENEFITS

- |   |  |
|---|--|
| • De-watering characteristics           | Displaces water, leaving a thin lubricant film         |
| • Corrosion protection                  | Increases rope and cable life                          |
| • Wear resistant                        | Protects ropes and cables against wear, increases life |
| • Low viscosity                         | Lubricates between rope strands                        |
| • Formulated with a solvent component   | Spray application and penetration performance          |
| • Excellent extreme pressure resistance | Maximises component life in all load conditions        |

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Certified to the ISO 9001  
Quality Standard and the  
ISO 14001 Environmental  
Management Standard



FM 01851 EMS 40717

# VICKERLUBE LV WRL



## CERTIFICATION

VICKERLUBE LV WRL is manufactured to ISO 9001:2015 and ISO 14001:2015.

## TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE LV WRL	TEST METHOD	RESULT
Appearance	Visual	Clear Dark Red
Viscosity at 40°C (cSt)	ASTM D7042	22.9
Flash Point (SETA) (°C)	IP 523	> 60
Pour Point (°C)	ASTM D7346	- 24
Copper Corrosion (100°C, 3h)	ASTM D130	1b
Rust Prevention 24hr Distilled Water	ASTM D665A	Pass
Rust Prevention 24hr Synthetic Sea Water	ASTM D665B	Pass
Base Oil Viscosity at 40°C (cSt)	ASTM D7042	385
4 Ball Weld Load (kgf)	ASTM D2783	>315
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.38
Density at 15°C (g/cm <sup>3</sup> )	ASTM D4052	0.87
Shelf Life		7 years in original sealed containers whilst stored out of direct sunlight

**Note:** Viscosity, flash point, pour point and density data generated on diluted product (VICKERLUBE LV WRL). All other data generated on neat oil prior to addition of solvent.

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