

# VICKERLUBE HV WRL



## PART NUMBER

10263

## DESCRIPTION

VICKERLUBE HV WRL is a solvent free, viscous, mineral oil-based wire rope lubricant.

VICKERLUBE HV 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 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

## METHOD OF APPLICATION

VICKERLUBE HV WRL has been formulated to be fluid enough to be applied manually or by spraying.

## CERTIFICATION

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

## 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 |
| • 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

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## TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE HV WRL	TEST METHOD	RESULT
Appearance	Visual	Clear Golden
Viscosity at 40°C (cSt)	ASTM D7042	198
Flash Point (SETA) (°C)	IP 523	> 232
Pour Point (°C)	ASTM D7346	- 5
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
4 Ball Weld Load (kgf)	ASTM D2783	160
4 Ball Wear Scar Diameter (mm)	ASTM D4172	0.64
Density at 15°C (g/cm <sup>3</sup> )	ASTM D4052	0.89
Shelf Life		7 years in original sealed containers whilst stored out of direct sunlight

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