



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

WRL™ (Wire Rope Lubrication/Oil) Wire Rope and Chain Lubricant

DESCRIPTION

Wire ropes contain numerous moving parts that require lubrication. Each time the rope bends or flexes, the internal strands rub together. WRL coats these strands to prevent friction and wear. This results in longer life, less down-time for rope changes and more production. WIRE ROPE and CHAIN LUBRICANT quickly penetrates to the cores. This ensures that the rope is lubricated throughout while providing a non-drying, nontacky film on the outside of the rope that protects outer strands from corrosion, as well as lubricating the wire rope drums and sheaves. WRL is easily pumpable at temperatures down to -32°C (-25°F). Its non-drying film remains flexible in most extreme weather conditions, which eliminates flaking and peeling.

ADVANTAGES

- Lead free.
- Prolonged wire rope life.
- Nontacky.
- Pumpable.
- Displaces water.
- Protects against rust and corrosion.
- Flexible finish.

APPLICATIONS:

WRL can be used to lubricate all sizes of wire rope, as well as chains, leaf springs and other applications where a penetrating oil is needed. It may be applied by hand or automatic lube system.

WRL - Wire Rope Lubricant

Contains no. 1.1.1. Trichlorethane, Freon TF or other ozone harming ingredients.

RECOMMENDED APPLICATION RATE:

Drip System: 1st week- 3 drops per minute, per inch diameter rope
 2nd week & thereafter- 1 drop per minute, per inch diameter rope.

Spray System: Every 15 minutes for 30 seconds (on payout only).

PRODUCT CHARACTERISTICS

	AEROSOL	NON AEROSOL
Service range:	-40°C (-40°F) to 175°C (347°F)	
Fluid Type:	Petroleum	Petroleum Oil
Specific Gravity:	0,83	0,88
Viscosity (ASTM D-445)		
cSt @ 40°C (77°F):	3,5 - 4,5	19,8 - 24,2
cSt @ 100°C (212°F):	NA	4,1

SUS @ 38°C (100°F) (CALCULATED):	NA	95 - 115
SUS @ 99°C (210°F) (CALCULATED):	NA	39
Viscosity (ASTM D-227):	NA	>70 (TYPICAL)
Pour Point (ASTM D-97):	-40°C (-40°F)	-32°C (-25°F)
Rust Test (ASTM D-665):	A Pass	A Pass
Shell 4-Ball EP Test (ASTM D-2783)		
Weld Point, kfg:	NA	250
Flash Point (ASTM D-92):	79°C (>176°F)	166°C (>330°F)
SAE Grade:	NA	10
SO Grade (ISO 3448 or ASTM D-2422):	NA	22
Colour/ Appearance:	Clear Straw	Straw
Spray Pattern:	Tight Stream	NA
Propellant:	Carbon Dioxide	NA
Solvent Type:	Petroleum Distillate	NA
Dielectric Strength (ASTM D-877):	35Kv	NA

PACKAGING

Code	Net contents	Container
25052251	400ml	Aerosol
31735964	473ml	Trigger Spray
48634977	5l	Tin
66165293	25l	Poly
39410573	189l	Drum

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



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