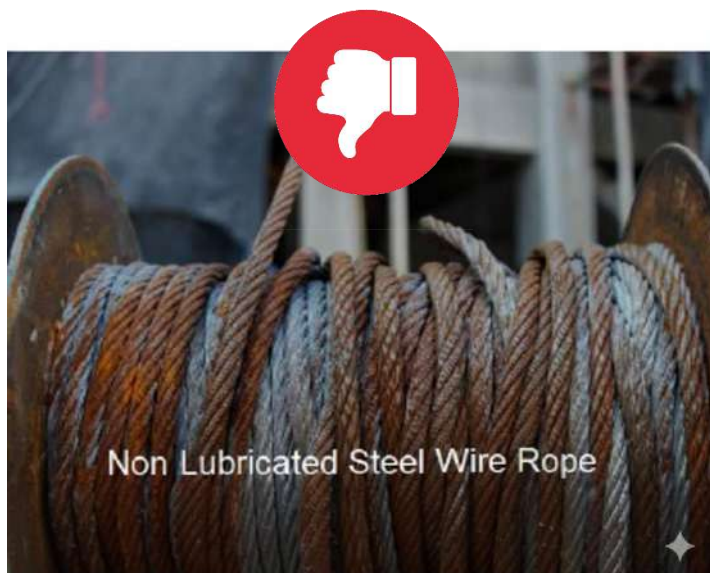


WIRE ROPE LUBRICATOR (WRL)



Non Lubricated Steel Wire Rope



Lubricated Steel Wire Rope

Efficient, safe and reliable wire rope maintenance

A professional semi-automatic lubrication system designed to apply penetrating grease to steel wire ropes while the rope moves slowly through the applicator. The WRL uses diameter-matched synthetic seals and controlled high-pressure grease delivery to improve coverage, reduce grease waste and help lubricate the rope core.

Why use the Lubrettec WRL?

- Reaches deeper into the rope structure than conventional brushing, spraying or dipping.
- Helps remove old excess grease and internal moisture before fresh grease is applied.
- Provides controlled, more consistent grease application around the moving rope.
- Reduces manual handling, mess and lubricant waste.
- Suitable for demanding applications including construction, mining, marine and offshore environments.

How it works

- 1. Fit the applicator** — Select the correct seal set for the measured rope diameter and clamp the two applicator halves around the rope.
- 2. Secure the unit** — Use the supplied fixation set to prevent the applicator from moving as the rope passes through.
- 3. Connect the grease supply** — Connect the high-pressure grease hose to the applicator and the pump to the grease drum using the appropriate cover and follower plate.
- 4. Regulate pressure and flow** — Connect plant air to the regulator. Typically 5–6 bar is sufficient. Adjust grease delivery to the rope speed, diameter, grease type and ambient temperature.
- 5. Lubricate** — Run the rope slowly through the WRL. Correct adjustment produces a thin, clean grease film while pressure drives lubricant into the rope structure.

Technical data

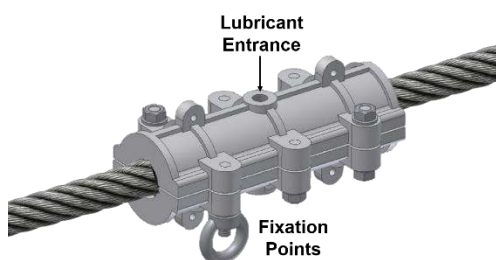
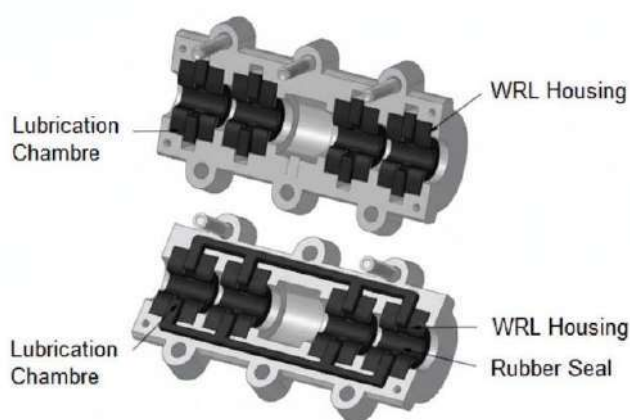
Application	Steel wire rope lubrication
Rope diameter range	16–48 mm current Lubrettec product range
Applicator	Lightweight industrial applicator housing
Seals	Synthetic rubber seals matched to rope diameter
Grease pump	60:1 ratio, maximum 8 bar
Drum sizes	20 kg, 50 kg and 180 kg pump / cover / follower-plate combinations
Grease connection	¼" hose connection at applicator
Air supply	Typically 5–6 bar plant air
Operation	Semi-automatic; rope moves through applicator at low speed
Seal service length	Typically 3,000+ m of rope, depending on rope condition

Product range

The Lubrettec WRL is available as an applicator unit without seals or as a complete grease unit with the seal set matched to the rope diameter. Current LubeworX listings cover 16–48 mm rope sizes, with additional seal kits available separately.

Always measure the actual rope diameter with a suitable gauge before ordering. Special diameters can be discussed with Lubrettec.

Product / configuration	Code / reference
Applicator unit, no seals	IZ-WRLD01A0
Complete grease unit, 16–36 mm	IZ-WRLD01A0XX
Complete grease unit, 37–48 mm	IZ-WRLD01B01XX
Extra seal kits	IZ-WRLSD1XX
20 kg grease pump kit	LT-WRLPMP020
50 kg grease pump kit	LT-WRLPMP050
180 kg grease pump kit	LT-WRLPMP180
Fixation set	LT-WRLFIXSET



Complete Grease Unit for 16 – 36 mm wire

IZ-WRLD01A016 – IZ-WRLD01A036

Complete Grease Unit for 37 – 48 mm wire

IZ-WRLD01B0137 – IZ-WRLD01B0148

Extra Seal Kits for 16 – 48 mm wire

IZ-WRLSD116 – IZ-WRLSD148

Applicator Unit, no seals

IZ-WRLD01A0 and IZ-WRLD01B0

Case for 20 kg drum pump

IZ-WRLCASE01

Set fixation for Grease applicator unit

IZ-WRLFIXSET

Grease pump HD for 20, 50 and 180 kg drums

IZ-WRLPMP020, IZ-WRLPMP050, IZ-WRLPMP180

Lubrication guidance

- Use a grease specifically formulated for steel wire ropes with good penetrating properties.
- Adjust grease flow before running at full rope speed. The correct setting depends on grease type, temperature, rope diameter and rope speed.
- Aim for a thin, clean grease film rather than excessive grease escaping from the applicator.
- Correct application helps fill the exterior cavities and drive lubricant into the rope core.
- Inspect the rope and lubrication result during operation and adjust the grease flow as required.

Typical applications

Construction • mining • marine • offshore • cranes • winches • lifting equipment • other industrial installations using steel wire ropes



Important ordering note

Measure the rope before ordering. The correct seal size is essential for effective lubrication and controlled grease retention.