



Wireline Lubricants

Oxi Defender™ Wire Lubricants

General Description

Wireline Lubricants are lubricants based on high quality mineral oil, suitable for grease injection units, excellent adhesion, water resistance, rust and corrosion protection.

Performance

The chemical properties of the lubricants remain stable if kept in a temperature range between -50°C to 85°C; short exposures to temperatures up to 300°C will not affect them.

Cables coated with Wireline Lubricants will show an excellent balance of properties associated with temperature, humidity, and other common operating conditions.

Processing

Lubricant may be pumped with the usual metering pump devices at room temperature (cold filling technology). Constant quality ensures high-speed, trouble-free production.

Health, Safety Precautions and Identification

- non irritant to eyes
- non irritant to skin

Good personal hygienic practice should be used, and prolonged contact with skin should be avoided. Based on our current knowledge and available information, WL products do not pose any health risks.

Packaging

20 kg pail	top internal diameter	328 ± 1 mm
	bottom internal diameter	312 ± 1 mm
	height	383 ± 1 mm
170 kg ribbed drum	internal diameter	571 ± 3 mm
	height	875 ± 5 mm
170 kg straight-sided drum	internal diameter	571 ± 3 mm
	height	885 ± 5 mm
850 kg returnable (IBC) container	length x width x height	1,200 x 1,000 x 1,185 mm
850 kg disposable lined container	length x width x height	1,200 x 1,000 x 1,400 mm

Other container types and sizes such as plastic or stainless steel can be tailored to customer requirements based on quantities and location.

Storage Information

Protect from moisture; storage life several years.

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Characteristics

Unit of Measure	Density (g/cm ³)	Flash Point (°C)	Pour Point (°C)	Viscosity (cSt)	Rust Test (Visual)	Color (Visual)	Odor (Smell)	Texture (Touch)
Test Method	ASTM D1481 @25°C	ASTM D92	ASTM D97	DIN 53019 @40°C	ASTM D665 @60°C	—	—	—
Product								
WL68	0.85 ± 0.05	> 200	-30	68 ± 7	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL220	0.85 ± 0.05	> 200	-30	220 ± 22	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL460	0.85 ± 0.05	> 200	-30	460 ± 46	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL680	0.85 ± 0.05	> 200	-30	680 ± 68	Pass	Golden Yellow	Very Mild	Tacky Liquid
WLI500	0.85 ± 0.05	> 200	-30	1,500 ± 150	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL2500	0.85 ± 0.05	> 200	-30	2,500 ± 250	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL5000	0.85 ± 0.05	> 200	-30	5,000 ± 500	Pass	Golden Yellow	Very Mild	Tacky Liquid
WL7500	0.85 ± 0.05	> 200	-30	7,500 ± 750	Pass	Golden Yellow	Very Mild	Tacky Liquid
WLI10000	0.85 ± 0.05	> 200	-30	10,000 ± 1,000	Pass	Golden Yellow	Very Mild	Tacky Liquid
WLI2000	0.85 ± 0.05	> 200	-30	12,000 ± 1,200	Pass	Golden Yellow	Very Mild	Tacky Liquid

Compatibilities

This Technical Information reflects the current knowledge, and is designed to inform and advise. Modifications may be made in the interest of technical improvement.

For additional information:

Info-Gel LLC

Sales/Technical inquiries: