



Xport™ Lubricant Application

Xport™ Nova Lubricator

The first temperature-independent electrochemical lubrication system

The Xport™ Nova automatic single point lubricator can be used for all applications that are within a temperature range of -20° up to 60°C (-4° up to 140°F). It is ideal for areas with considerable temperature variations (e.g., outside installations) or where intrinsic safety is a requirement (e.g., oil and gas industry).

A discharge period of 1 to 12 months can be easily programmed by pushing the selection button on the Nova drive unit. A built-in temperature sensor periodically measures the ambient temperature, and the drive unit calculates the required gas generation based on this data. This ensures a continuous and controlled discharge. The Xport Nova consists of a reusable drive, a lubricant canister (LC) filled with 125 cc (4.2 fl oz) of grease or oil, and a protective cover.

Applications

- Chains
- Electric motors
- Gear racks
- Open gears
- Roller & slider bearings
- Shaft seals
- Sliding guides

Typical Industries

- Cement
- Food
- Mining
- Oil & gas
- Power plants
- Recycling



For applications with high variations in temperatures



Xport™ Nova Lubricator

Product Characteristics & Benefits

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| <p>Electronic control unit with temperature compensation shows discharge period and operating status</p> <p>LCD display and push button setting: 1, 2, 3 ... 12 months</p> | <ul style="list-style-type: none"> → Discharge period setting independent of ambient temperature → Accelerated pressure buildup for first discharge within one day → Simple and safe handling → Reusable control unit | <p>Labels: Drive unit, LC with gas generator and battery, Piston, Lubricant, Black plug (grease), Red plug (oil)*</p> <p>Built-in robust support flange with 1/4" male thread</p> <p>Dimensions: 65 x 137 mm (2.56 x 5.39 in)</p> <p>* Oil-filled units come with an oil-retaining valve.</p> |
| <p>System operates reliably from -20° to 60°C (-4° to 140°F)</p> | <ul style="list-style-type: none"> → Universal use both in cold areas and at higher temperatures → Temperature compensation permits use with heavily fluctuating ambient temperatures → Stable threaded connection through integrated support flange | |
| <p>Ex-proof certification IP 65</p> | <ul style="list-style-type: none"> → Safe and reliable lubrication in explosive areas → Dust-tight and protected against water jets → Increased workplace safety | |

Technical Information

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| Housing | Transparent plastic |
| Drive (reusable) | Electrochemical reaction via gas-generating cells with electronic temperature compensation |
| Discharge period | 1, 2, 3 ... 12 months |
| Lubricant volume | 125 cc (4.2 fl oz) |
| Operating temp. | -20° to 60°C (-4° to 140°F) |
| Pressure buildup | Max. 6 bar (86 psi) |
| Protection class | IP 65 |
| Lubricants | Oil and grease up to NLGI 2 |

