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
# Overview

## Xport™ Nova Lubricator

### Product Characteristics & Benefits

| Electronic control unit with temperature compensation | → Discharge period setting independent of ambient temperature  
| LCD display and push button setting: 1, 2, 3 ... 12 months | → Accelerated pressure buildup for first discharge within one day  
| → Simple and safe handling  
| → Reusable control unit  
| System operates reliably from -20° to 60°C (-4° to 140°F) | → 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  
| Ex-proof certification IP 65 | → Safe and reliable lubrication in explosive areas  
| | → Dust-tight and protected against water jets  
| | → Increased workplace safety

### Technical Information

| 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  

*Xport™ is a trademark of Lubrication Engineers, Inc.*

*Oil-filled units come with an oil-retaining valve.*