



Xport™ Lubricant Application

Xport™ Star Control Lubricator

Time and impulse mode combined in a single system

The Xport™ Star Control automatic single point lubricator is ideal for applications that require precise lubricant metering, and it is a preferred system for electric motors with very specific re-lubrication amounts. The Star Control is supplied with external power via cable, and its operating status can be transmitted to a PLC via this connection. This system offers two operating modes – time and impulse – for more flexibility. In time mode, lubricant dispensing is dependent on operating hours. In impulse mode, a precisely defined quantity is dispensed as soon as voltage is applied. The desired mode can be selected via the LCD.

The Star Control consists of an electromechanical drive with LCD and a lubricant cartridge (LC) with lubricant volume of 60, 120 or 250 cc (2.03, 4.06 or 8.45 fl oz). The system discharges exact amounts independent of temperature and counter pressure. It is protected against dust and water jets when the individual parts are assembled correctly.

Applications

- Chains
- Electric motors
- Gear racks
- Open gears
- Roller and sliding bearings
- Shaft seals
- Sliding guides
- Spindles

Typical Industries

- Mining
- Recycling Industry
- Power Plants
- Food Industry
- Paper Industry



Lubricant optimally metered as a function of operating hours or electrical impulse



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Product Characteristics & Benefits

<p>LCD with setting button displays discharge settings, LC size & operating status</p> <p>Setting: Mode, LC size, discharge quantity & PIN</p>	<ul style="list-style-type: none"> → Flexible handling thanks to simple time or impulse mode setting; can be changed at any time → Fast, simple control of settings → PIN request protects against possible tampering 	<p>Labels in diagram: Cable Protection cap Star Control drive Star Vario battery pack Star LC Support flange</p> <p>Additional settings: → Time mode Setting: 1, 2, 3, ... 12 months Further settings on request → Impulse mode Setting: 0.1 - 9.5 cc</p>
<p>Electromechanical drive with external power supply</p> <p>LED (red/green) visible all around signals functioning and any errors</p>	<ul style="list-style-type: none"> → Reliable, precise lubricant discharge independent of temperature and counter pressure → Quick function control thanks to optical or electronic signals on the lubrication system and plant error reporting system saves time and relieves maintenance workers 	
<p>6-Bar (86 psi) pressure buildup allows remote mounting up to 5 meters (5.5 yards)</p> <p>Purge: Counter pressure testing and manual additional discharge at the press of a button</p>	<ul style="list-style-type: none"> → Remote mounting outside of dangerous areas or at easily accessible locations increases workplace safety → Higher equipment availability, because exchange can take place during running operations → Lubrication point can be purged to clear blockages 	

Technical Information

Drive (reusable)	Electromechanical function using external voltage (9-30 V DC)
Discharge period	Time- or impulse-controlled
Lubricant volume	60, 120 or 250 cc (2.03, 4.06 or 8.45 fl oz)
Operating temp.	-10° to 60°C (14° to 140°F)
Pressure buildup	Max. 6 bar (86 psi)
Protection class	IP 65
Lubricants	Oil and grease up to NLGI 2

