

## LE Introduces Xport® Star Vario Long Range Lubrication System with LoRaWAN® Connectivity

*New automatic single-point lubricator delivers precise, remote-controlled lubrication to boost safety, uptime and efficiency*

**WICHITA, Kan. (February 2026)** – Lubrication Engineers, a leader in the development and manufacturing of high-performance lubricants and reliability solutions, announces the release of its [Xport® Star Vario Long Range lubrication system](#), an advanced automatic single-point lubricator that combines precise electromechanical lubrication with secure LoRaWAN® wireless communication to help industrial facilities improve equipment reliability and maintenance efficiency. The system operates fully automatically and independent of temperature and pressure, delivering highly precise lubricant discharge to critical components.

The Xport Star Vario Long Range lubrication system consists of a reusable electromechanical drive, battery pack and lubrication cartridge (LC) available in 60, 120, 250 or 500 cc, providing pressure buildup up to 109 psi (7.5 bar) for reliable delivery even in demanding applications. It is designed for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains and electric motors with specified lubricant quantities, helping to prevent under- and over-lubrication. Users can select flexible discharge periods from one to 26 weeks or up to 12 months, depending on LC size and application requirements.



With integrated LoRaWAN technology, the system can be monitored and controlled remotely via the perma® Connect app and a LoRa® Gateway, which can support up to 2,000 lubricators and receive data from up to eight lubricators simultaneously within a radius of up to 1.2 miles (2 km), depending on site conditions. The system uses standard radio technology and 128-bit AES end-to-end encryption. It checks for new commands at least once per hour and sends messages on every status change including operating status, timestamp, date, ambient temperature and fill level percentage.

By enabling configuration, control and maintenance from safe, easily accessible locations, the Xport Star Vario Long Range lubrication system reduces the need to enter hazardous or hard-to-reach areas and supports higher equipment availability through cartridge exchange during running operation. A backlit LCD with push button control and all-around visible LED indicators provide quick, simple and self-explanatory operation, allowing fast function checks and straightforward adjustment of settings. With centralized monitoring via perma Connect, facilities gain an easy-to-use dashboard for managing numerous lubrication systems, increasing efficiency, saving time and boosting productivity across industries such as cement production, food and beverage, mining, oil and gas, paper mills, pharmaceutical and power generation.

The Xport Star Vario Long Range lubrication system is compatible with all Star LC sizes – 60, 120, 250 and 500 cc – and can dispense grease up to NLGI 2. All sizes except the 500 cc unit can also be filled with oil; oil-filled units are identified by a red plug and require an oil-retaining valve. The system operates

## Xport® Star Vario Long Range Lubrication System

from -4 to 140°F (-20 to 60°C) with alkaline batteries and -40 to 140°F (-40 to 60°C) with lithium batteries, meets IP65 and IP67 protection classes and allows remote mounting up to 5.5 yards (5 meters) from the lubrication point for flexible installation.

To learn more about Xport® Star Vario Long Range lubrication system or discover how it can benefit your operation, please call 800-537-7683 or visit [www.LElubricants.com](http://www.LElubricants.com).

### **About Lubrication Engineers**

Founded in 1951, Lubrication Engineers develops, manufactures and markets premium lubricants, which – together with its full line of reliability-enhancing solutions – are designed to extend equipment life, reduce energy consumption, and minimize maintenance costs. LE operates under an ISO 9001 Certified Quality System and services customers in more than 60 countries from its flagship 150,000-square-foot production facility in Wichita, Kansas. For more information, visit: [www.LElubricants.com](http://www.LElubricants.com).

### **Media Contact**

- Ann Walden, [a.walden@le-inc.com](mailto:a.walden@le-inc.com), 316-529-6800

- end -