

RAIL TRANSPORTATION





DropsA Track-Lube

The DropsA Track-Lube system is designed to lubricate curved rail systems. Its simple and robust design allows for the inside rail to be lubricated, reducing wear while offering a simple to use, automated solution.



Grease Nozzle

Applies a metered amount of grease evenly to the rail from the series progressive distribution block .



SMX Progressive Block

Divides and distributes lubricant from the Control / Pump station in a precise, metered output.



UltraSensor

Spool monitoring device that verifies the functionality of the feeder block and ensures a lubrication event occurred.



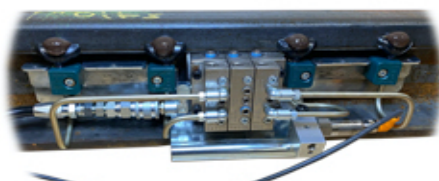
Vibration Sensor

Vibration created from an incoming train actuates a lubrication event to occur by sending a signal to the control / pump station.



Dual Line

The primary distribution block that provides lubricant from the Control / Pump Station to the Track-Lube system. Equipped with spool monitoring sensors that ensure that a lubrication event has occurred.



Track-Lube



Sumo II

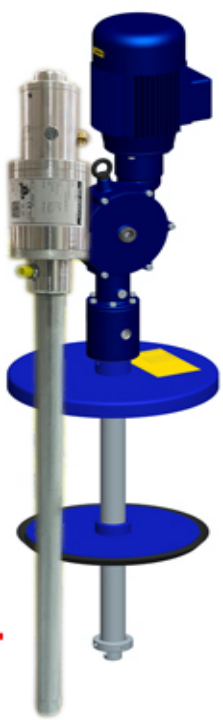
A robust lubrication pump suitable for high demand lubrication systems in harsh environments. With a large capacity reservoir (100 KG), available motor voltage options, sufficient displacement, and incorporated application monitoring devices, the Sumo II is a reliable electric pump option.



Control / Pump Station

Pneumatic Pump (234 Series)

A pneumatic barrel pump option that can provide suitable lubricant output (50:1 Compression Ratio) for a multitude of applications with the convenience of pumping lubricant from a drum.



CannonPump

The electric barrel pump option that provides a lubrication solution for applications in which air is not a readily available option.





Partnered With
SIEMENS

Control Solution

The Track-Lube control solution incorporates a Siemens touch screen control panel with innovative, easy-to-use PLC interface. With IoT capabilities, to transmit and receive critical data, operational control features and set-up, and system monitoring and alarm display and transmission, the DropsA Track-Lube, with Siemens' control solution, provides the optimal lubrication solution for rail applications.

- Features include;
- Access Capabilities
 - Lubrication Event Information
 - Lubrication Event Set-up
 - Application Lubricant Level
 - Manual Lubrication Override
 - Alarm History

Email Notification

Alert email notifications of system status are provided to the end user for real time operational insights. Fault alerts of the following variety are provided;

- Pump Low Level
- Dirty In-Line Filter
- No Cycle (Line 1 / Line 2)



Real Time Monitoring

The Track-Lube control solution provides IoT capabilities to remote locations for ease of access, monitoring capabilities, and system monitoring and adjustments.



Automatic Lubrication: Optimization of Costs and Reduced Down Time



The use of lubrication systems is essential for rail operations, even more so when the operation functions in heavy duty environmental conditions. The installation of an automatic lubrication system allows for reduced downtime, decreased wear on rail and wheel, and the increased operational function . Knowledge from years of experience and a widespread network of offices and dealers worldwide, DropsA provides specific solutions for all lubrication needs, including customer defined projects to installation and after-sales support. The solutions proposed for the rail transport sector are applicable on the various classification types:



Commuter Rail



Freight Rail



Monorail

Systems Solutions



TOTAL LOSS LUBRICATION



GREASE LUBRICATION



AIR/OIL LUBRICATION



OIL RECIRCULATION LUBRICATION



MQL - NEAR DRY MACHINING LUBRICATION

DropsA

Since 1946, DropsA has been producing centralized lubrication systems and components, along with continuously developing new products, and patents, that have contributed to making the lubrication sector, all over the world, more innovative and competitive.

DropsA offers a vast range of products capable of maximizing the profitability and productivity of all machinery, providing the latest technologies in terms of systems, functionality, and components. Thanks to the branches and the specialized distribution channels, DropsA provides prompt responses, support, and assistance to customers on a local and global level, guaranteeing consistent high quality standards all over the world.



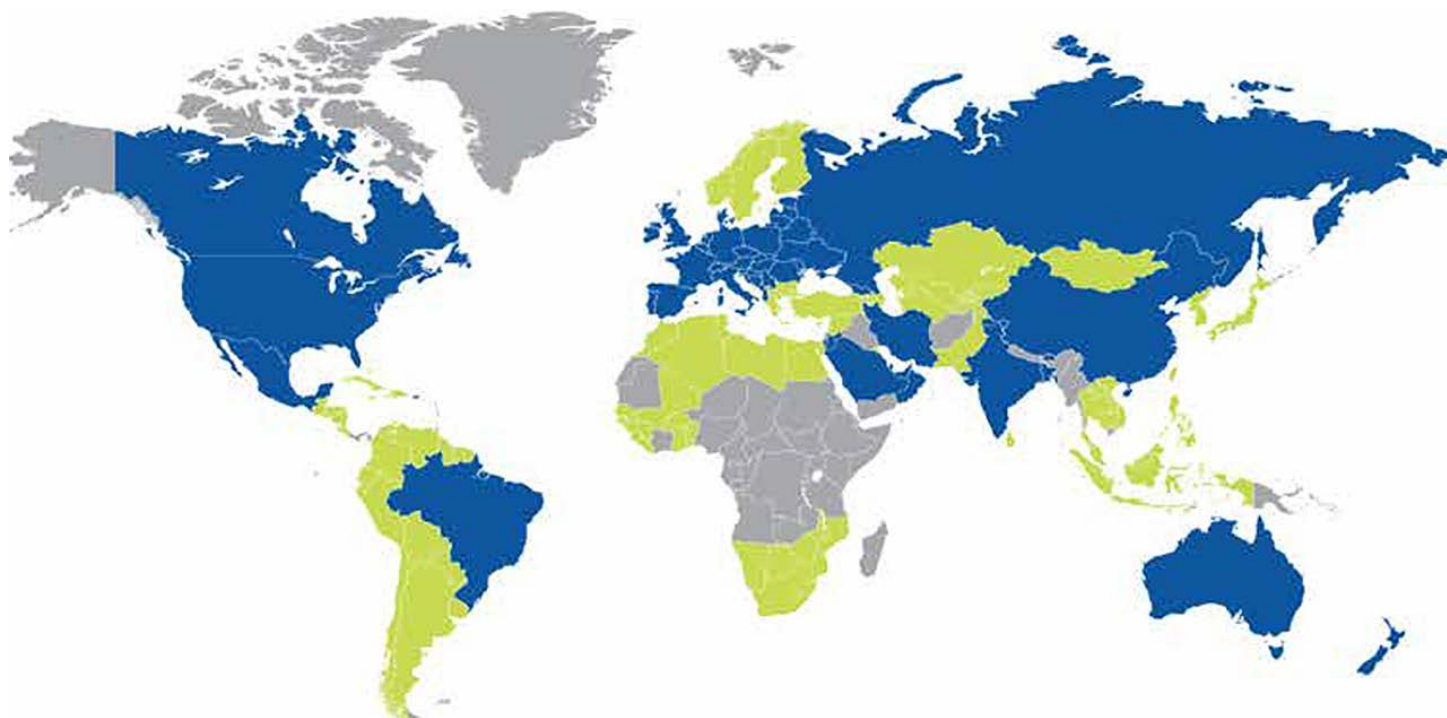
DropsA Production

The production, processing, and automated assembly systems utilized in DropsA's central plant, near Milan, are equipped with an advanced quality monitoring, and product traceability system, in order to guarantee both highly efficient processing and product assembly that accurately reflects all technical specifications. Continuous investments in all areas of design, engineering, and production of the products ensure a constant improvement in the reliability of the products themselves.



DropsA

LUBRICATION SOLUTIONS PROVIDERS



SERVICING & SUPPORTING



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