



TRACKSAFE LUBE

AUTOMATED LUBRICATION SYSTEM FOR RAIL LINES

Our friction management system offers a range of benefits. Wheel and rail wear can be reduced by up to 80% especially in high traffic and/or curved sections of track. The automated system significantly extends wheel and rail life while decreasing maintenance costs. A much welcomed effect is the reduction of noise emissions by up to 20 dB. TRACKSAFE LUBE can be installed on a grid connection where available, or by using a solar panel.

RELIABLE AND ECONOMIC

The complete system can be run efficiently in an environmentally friendly manner by a solar panel which charges a high capacity 12 V battery, guaranteeing the power supply for 60 days even with inclement weather. The preassembled components allow for a quick installation on track. Proven technologies and materials result in a minimum amount of maintenance. TRACKSAFE LUBE can be operated everywhere on track, including in tunnels and underground subway systems.



**GOLDSCHMIDT
DIGITAL APP**



RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

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GOLDSCHMIDT
THERMIT GROUP

OVERVIEW OF TRACKSAFE LUBE

Feature	Function	Benefit
Uniform grease distribution over the entire span of the grease bar	Reduction of wheel and rail wear by up to 80%	Extension of rail service life (up to 5 times longer); noise reduction by up to 20 dB
Control unit	Efficient remote and on-site adjustment of grease dosage	Economical operation and grease application; reduction of maintenance costs
Multiple communication platforms available: Bluetooth, HMI, web server	Connection via GOLDSCHMIDT DIGITAL APP, direct data entry or browser enabled communication	Electronic documentation within the GOLDSCHMIDT DIGITAL APP or web based reporting
Universal design	For use on transit properties and most rail lines	Suitable for most rail profiles; improved track safety

Standard Features

- » Stainless steel cabinet with NEMA 3X control unit
- » Galvanized steel lubricant reservoir with volume monitoring (Reservoir size 16–25 liter)
- » Latest generation pump
- » Proprietary grease distribution system
- » Sensors, lubrication bars, tubes, fittings and mountings

Optional Features

- » Solar panel
- » Communication via Bluetooth
- » Remote communication via web server
- » Tamper-proof cabinet
- » Switch lubrication
- » Up to four grease bars per control unit



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