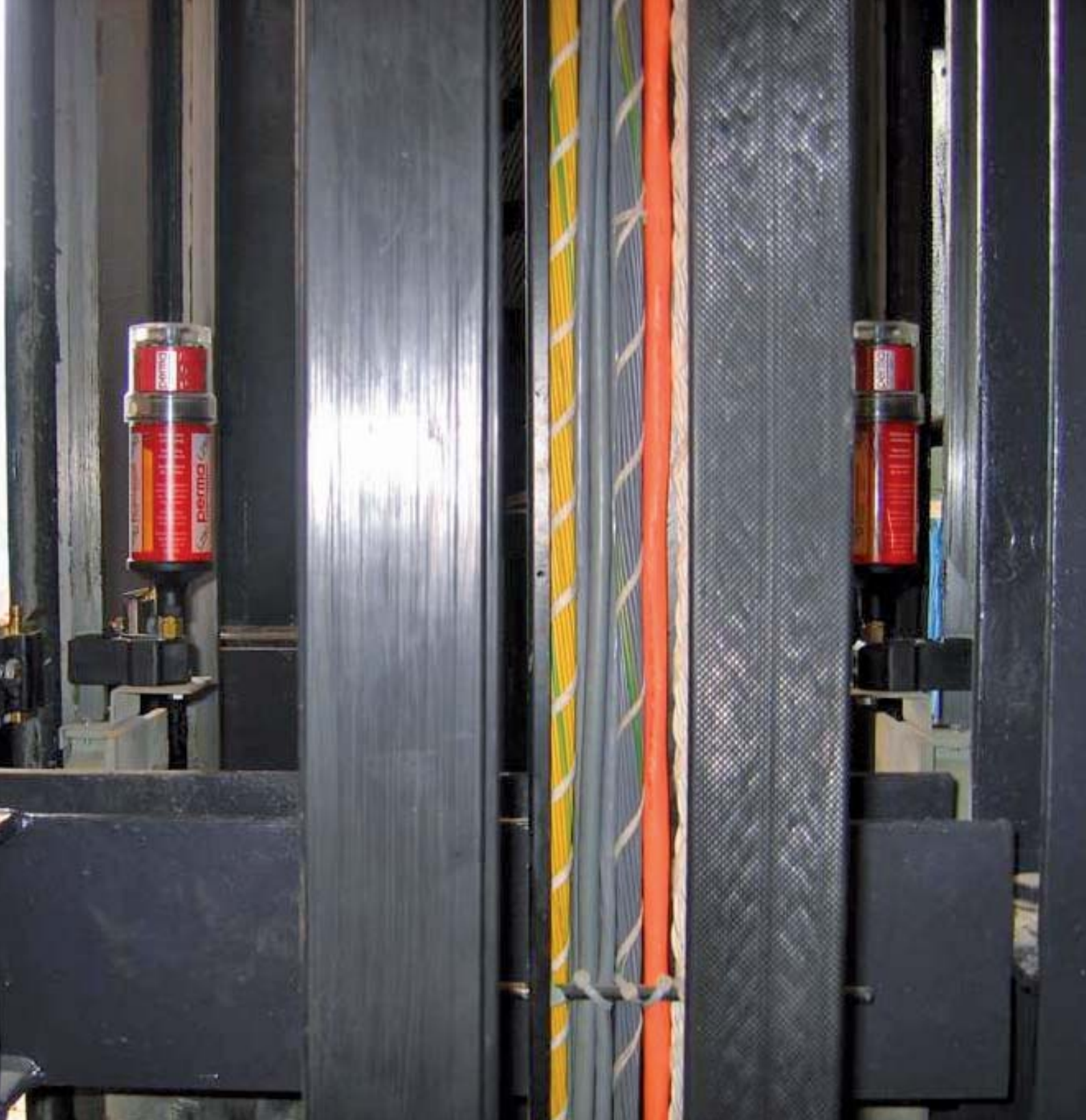




perma Lubrication Systems for
Elevators

Experts in Lubrication Solutions

perma



Reduce maintenance work and increase service efficiency

Ever since they were invented in 1853, safety elevators have been used to lift people, freight, and other material in many different areas. Regardless of where they are used, operators' main concerns are safety and availability. To guarantee both, operators need service companies with reliable service.

perma-tec offers two reliable lubrication STARTER SETS especially designed for elevator rail lubrication. They reduce operating noise, vibrations, oil drippings on passenger cabs, and shut downs. This minimizes service work, reduces unscheduled maintenance runs and increases customer satisfaction.

→ Challenges

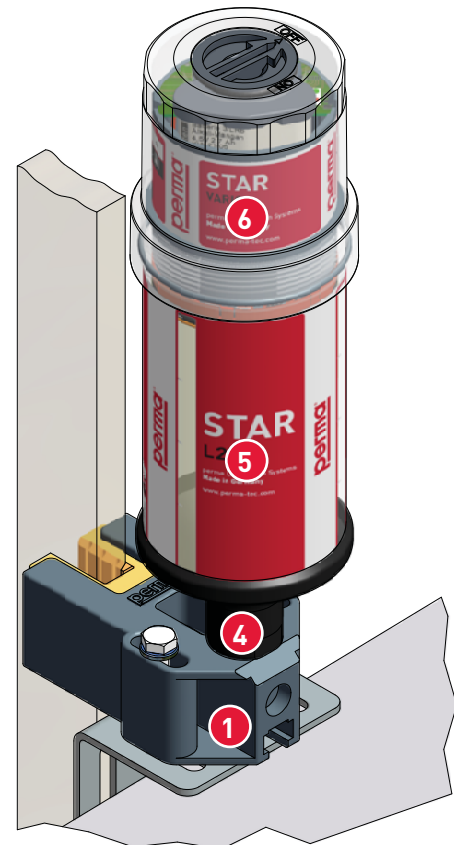
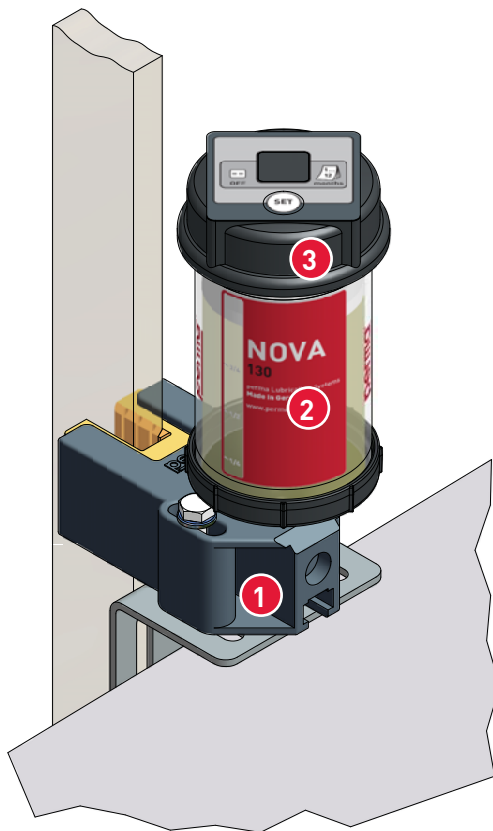
Some of the many challenges that elevator service teams meet:

- Time consuming lubrication tasks
- Dirt deposits on elevator rails
- „Stick-slip“ effect
- Strong vibrations and noise make passengers feel uneasy
- Oil spills on passenger cabs caused by manual lubrication
- Customer complaints and costly repairs



→ Solutions

perma STARTER SETS for elevators will automatically lubricate rails for up to 12 months. They can be easily installed with special mounting angles and fasteners for simple, easy, and professional installation. Please visit our homepage for more information www.perma-tec.com. Refer to the perma product catalog for all accessories.



Product characteristics

Drive: Reusable, electrochemical reaction via gas generating cell

Electronic temperature compensation

Discharge period: 1, 2, 3, ..., 12 months

Lubricant volume: 130 cm³

Product characteristics

Drive: Reusable, electromechanical

Discharge period: 1, 3, 6 or 12 months

Lubricant volume: 250 cm³

perma STAR VARIO is also available with 60 cm³ and 120 cm³.

STARTER SET

Elevator perma NOVA 130

Part no. 24.11.0432.800

- 1 2x Rail oiler with foam insert - gap widths 5, 9, 16 mm
- 2 2x NOVA LC 130 incl. battery and oil retaining valve
Multipurpose oil SO32
- 3 2x NOVA Control unit 1-12 months

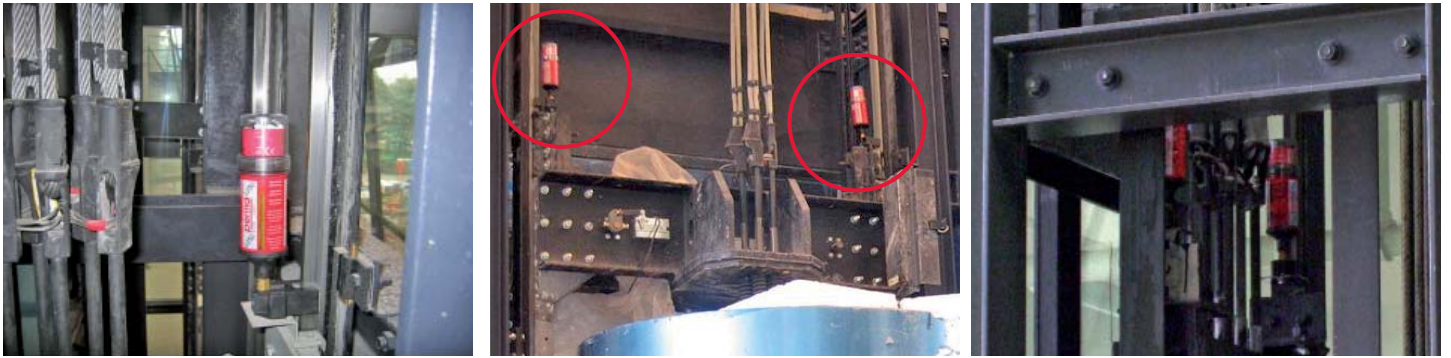
STARTER SET

Elevator perma STAR VARIO L250

Part no. 24.21.1432.381

- 1 2x Rail oiler with foam insert - gap widths 5, 9, 16 mm
- 4 2x STAR Support flange G1/4o x G1/4i incl. oil retaining valve
- 5 2x STAR LC L250, multipurpose oil SO32
- 6 2x STAR VARIO Drive incl. STAR Battery pack

Less customer complaints and more profit with perma lubrication systems



Advantages

- Automatic rail lubrication from 1 to 12 months
- No unscheduled service work because of noise development, vibration, and dirty passenger cabs
- Clean, minimal lubrication prevents oil spills caused by over-lubrication.
- Less oil consumption
- Simple installation and quick exchange of LC-units (lubricant cartridges) without any tools.

Benefits

- - Saves time during maintenance runs
- - High customer satisfaction due to smoother rides
- Cost savings
- Less downtimes
- - Clean passenger cabs / less cleaning costs
- - Reduces material cost / eco-friendly
- - Fast exchange during regular inspections possible
- Reduces service costs

perma is the most trusted partner worldwide for all industries:

- Global market leader for automatic single-point lubrication systems
- Largest product range in the market
- Many well-known satisfied customers
- Field-tested accessories for every perma lubrication system
- Product training, expert advice and consultation (please contact your local supplier)



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