

Elevator lubrication sets save time and money

SKF SYSTEM 24 elevator lubrication sets automatically dispense lubricant for up to one year.

Insufficient lubricant on elevator guide rails causes vibration. This, in turn, creates unpleasant noise, leading to downtime, interruptions in service and increased maintenance costs.

Also, conventional elevator lubricators are somewhat imprecise, leading to over- and under-lubrication. This can result in spilling, splashing on windows and pooling in the pit. SKF elevator lubrication systems are easy to install, simple to use and provide proper lubrication to keep your elevators running smoothly and quietly.

All in all, the system can reduce maintenance costs by up to 15 percent, while decreasing noise and the potential for oil-related safety and environmental problems. Once mounted, the system can be set to dispense lubricant to meet the specific needs of the application at intervals ranging from one to 12 months.



Benefits in application

- Reduces wear, noise and vibration levels through proper lubrication
- Reduces service calls for planned and unplanned downtime
- Improves cleanliness of windows, glass and elevator pit
- Safe and environmentally friendly – no oil spills and easy to recycle

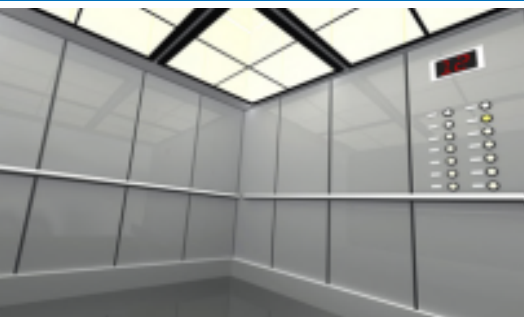
The SKF lubrication unit can be used for elevators in any type of building.

Typical applications include:

- Residential and office buildings
- Hospitals
- Shopping malls
- Subways

Ordering details

Designation	Description
LAPB 5/2K	Elevator kit for 5 mm rail
LAPB 9/2K	Elevator kit for 9 mm rail
LAPB 16/2K	Elevator kit for 16 mm rail
LAPB 5-16/2K	Elevator kit for 5, 9 or 16 mm rail
LAPB 5-16E1	Brush holder and felts for guide rails
LAGD 60/HMT68	Lubricator with 60 ml (2.03 fl oz. US) LHMT68 (mineral oil, viscosity ISO 68)
LAGD 125/HMT68	Lubricator with 125 ml (4.25 fl oz. US) LHMT68 oil (mineral oil, viscosity ISO 68)
LAGD 125/U	Empty lubricator suitable for oil filling



Increase the return on your maintenance investment with SKF

SKF offers a wide range of maintenance and lubrication products, specially developed to help achieve maximum bearing service life. Using the correct tools and methods in your maintenance programmes will help reduce maintenance costs and unplanned downtime. Following is an example of how these products and services have benefited a customer like you.

Elevator service contractor saves money with SKF SYSTEM 24 elevator lubrication set

Building designs increasingly call for elevators that move faster and accommodate more passengers per hour, while providing a quiet, comfortable ride. Reliable operation is an absolute requirement as unplanned downtime inconveniences building occupants, while increasing service costs. A frequent problem leading to downtime is excessive noise. This problem impacts the comfort of riders and results in extra maintenance visits by the service contractor.

In most cases noise is caused by insufficient lubricant on the guide rails. One service contractor tested the SKF SYSTEM 24 elevator lubrication set during a two-year period to gauge reductions in maintenance and costs.

The system was installed on 500 elevators. Results showed that the number of service visits was reduced, oil usage was decreased and significant savings in maintenance costs were achieved. Moreover, no more granulated absorbents were used to contain spilled oil. A considerable reduction in noise also generated highly positive feedback from the customer.



Return on Investment (ROI) Summary

Number of elevators	500
Period	2 years
Annual savings per elevator:	
- Oil consumption (from 3 to 6 liters)	€ 100
- Granulated absorbents	€ 30
- Overall time in maintenance and hassle	€ 200
- Total annual saving per elevator	€ 330
- Total savings	€ 330 000
- SKF solution investment per elevator	€ 200
Total benefits	€ 230 000
SKF solution ROI over 2 years	230%

Technical data

Nominal emptying time	Adjustable; 1–12 months
Ambient temperature range	-20 to +60 °C (-5 to +140 °F)
Maximum operating pressure	5 bar (75 psi) (at start-up)
Drive mechanism	Gas cell
Connection thread	R ¹ / ₄

* All numbers are rounded off and based on customer estimates. Your particular cost savings may vary.

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