1. **Problem**

To prevent dry friction, guide rails of elevators which are used permanently need to be lubricated regularly.

Conventional lubrication arrangements are not satisfactory especially for elevators in the outside sector and for transparent elevators. These installations often deliver too much or too little lubricant.

Consequently, the elevators must be maintained by the service man on a regular basis. Both the cabin and the elevator shaft need to be cleaned and freed of unaesthetic oil splashes. Equally laborious is the removal of oil slicks on the cabin or on the shaft floor.

2. **Advantages of automatic lubrication**

The easy simalube lubrication system offers an optimal maintenance for guide rails of elevators. This special lubrication system is extremely reliable and efficient and offers the following further advantages:

- reliable lubrication of the guide rails
- quiet operation of the elevator
- simultaneous cleaning of the guide rails (elimination of fuzz)
- automatic adjustment of the brushes on the guide profile (3 flexible brush pairs)
- no more oil slicks and oil splashes
- oil collecting pots are no longer necessary
- higher operational safety (no danger of slipping on leaked oil)
- easy retrofitting on existing elevator installations
- consistent release of lubricant
- infinitely adjustable setting of the lubrication release from 1 to 12 months
- easy and quick exchange of the lubricator
- refillable oil dispenser
- reduction of time-consuming service and maintenance costs

3. **Mounting kit**

A mounting kit consists of:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Designation</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Oil lubricator, 125ml</td>
<td>SL14</td>
</tr>
<tr>
<td>2</td>
<td>Elevator brush</td>
<td>2039</td>
</tr>
</tbody>
</table>

Section cut simalube lubricator (125ml content)

Elevator brush for the lubrication of guide rails with a width of 5-16mm and a depth of max. 25mm
### Elevator Lubrication System

Economical lubrication with simalube

#### 4. Installation and start-up

4.1 Fill oil into the threaded hole of the housing of the elevator brush (approximately 8ml). The felt can now soak up. Additionally, wet the bristles with oil.

4.2 Cut the fitting on the non-return valve plug of the simalube lubricator. Do not remove the plug as it prevents from uncontrollable oil effluence.

4.3 Screw the lubricator onto the elevator brush and tighten to the limit stop. Subsequently, activate the dispenser on the cartridge and adjust to the required dispensing time.

Under normal conditions the following dispensing times are recommended:

- dry and clean surroundings: 6 to 12 months
- dirty and wet surroundings: 3 to 6 months

4.4 Install the activated lubrication system with a M8-screw, lock washer and a nut on the holding device of the guide holder of the elevator cabin. To obtain a proper function, make sure that the brushes of the lubricating system are centred around the guide rails of the elevator and that they are adjacent evenly.

#### 5. Dimensions Elevator Brush:

*Completely installed simalube elevator lubrication system with elevator brush and dispenser.*