

# Smooth running!

Dear Sir or Madam,

An American named George A. Wheeler is considered the inventor of moving stairs – or escalator, as it is known in everyday life. Today, some 125 years after Wheeler's patent, it is impossible to imagine everyday life without moving stairs. Bremer & Leguil is proud to contribute with its technically and

ecologically recognised first-class products to literally keep a famous and timeless invention in motion.

Our Rivolta product range with synthetic high-performance oils, special lubricants and powerful cleaning products is used especially for the smooth operation

and care of the technical inside workings. We want to tell you all about it in this special newsletter.

Stay healthy and stay up-to-date!

Your team from Bremer & Leguil

## Rivolta S.K.D. 16 N – SOS chain spray for escalators

In fact, problems often start before an escalator starts moving for the first time. Long service lives, delayed commissioning, construction site dust or thick layers of corrosion protection products without lubricating effect repeatedly lead to premature wear. This results in increased maintenance and incalculable additional costs. Bremer & Leguil helps to avoid precisely that – worldwide.

Due to its excellent penetration properties, our inner bearing lubricant **Rivolta S.K.D. 16 N** penetrates even thick layers of dust, corrosion protection or resinous oils and brings the lubricant reliably to where it is needed - between chain pin and plate. After formation of the extremely

load-bearing lubricating film, these parts are reliably protected against premature wear. Thanks to its fully synthetic structure, **S.K.D. 16 N** does not become resinous or stick, displaces moisture and is characterised by high material compatibility with the step rollers used in escalators throughout the world. **S.K.D. 16 N** can be applied by spray as well as with hand sprayers or pressurised pump systems.

## Lubrication rollers reduce oil consumption and dirt

The classic mechanical problem: Where there is friction, there is wear. Escalators must be lubricated, but often have a tricky problem: Getting the lubricant to the lubrication point. Maintenance experts around the globe are repeatedly confronted

with the phenomenon that escalators have been built in such a way that the chain cannot even be reached with a brush. What remains is unsatisfactory and harmful to man and material: The lubricant is at best loosely dripped onto the chain.

Bremer & Leguil provides the remedy. Together with our partner Meyer GmbH, we now offer a system consisting of a fully synthetic, easily biodegradable high-performance oil of the **Rivolta S.K.M.** series in combination with a central lubrication system with lubrication rollers. Inaccurate lubricant supply due to incorrect brush adjustment, high loss

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lubrication and dirt build-up as well as high noise development due to insufficient lubrication can thus be effectively and lastingly avoided.

Thanks to our new system, the lubrication roller is manufactured to fit the type of chain exactly, ensuring ideal lubrication and ensuring that escalator chains operate quietly and reliably over the long term.

Thanks to its friction-minimising additive technology, the **S.K.M.** series is optimally matched to the linear loads on the chain pins, which always act in the boundary and mixed friction area. Due to the fully synthetic product structure, it does not become resinous or stick, which

guarantees reliable re-lubrication and safe operation over a wide temperature range.

### Low-odour special cleaning products for stubborn dirt

Our offer is rounded off by our low-odour special cleaning products. The **Rivolta S.U.W. spray** is a residue-free evaporating special cleaning product, which has a good material compatibility with metals and most plastics and at the same time reliably removes stubborn dirt such as resinous fats or oils. The other advantages of the spray compared to commercially available quick-action cleaning products are the optimal exposure time and the

associated high economic efficiency as well as its user-friendliness: Our **S.U.W. spray** is not marked with H336. This makes the product particularly suitable for cleaning tasks in confined spaces and in places that are difficult to access.

The **Rivolta S.U.W. spray** is an excellent example for the attitude of Bremer & Leguil in the area of user-friendliness. We want to satisfy the highest technical requirements and work safety standards. Our sales representatives and our technicians will advise you quickly, competently and reliably. See for yourself.

## Stepped belt system

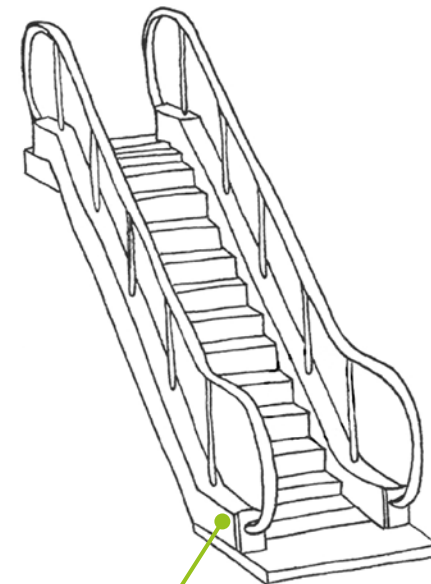
### S.K.D. 16 N spray

Rivolta S.K.D. 16 N spray is perfect for use as an "SOS chain spray" for longer periods out of use and/or initial lubrication. It easily penetrates coating layers of dust, corrosion protection products and resinous oils. S.K.D. 16 N spray initially has very high penetration, after which a highly loadable lubricating film is automatically built up.



### Lubrication system with lubricating rollers

The centralised lubrication system offers a number of advantages over traditional lubrication methods. This makes the system very compact and the size of the storage tank can be flexibly adapted. A precisely defined supply to the various lubrication points is provided by dosing valves. Despite permanent contact between the chain and lubrication roller, the rollers wear extremely slowly and do not require readjustment for years.



### S.K.M. 41/46/56

Are fully synthetic high-performance oils for which outstanding environmental friendliness is a matter of course. In addition, S.K.M. 41 (ISO VG 68), S.K.M. 46 (ISO VG 100) and S.K.M. 56 (ISO VG 150) convince with their wide temperature application ranges, minimum friction, minimum wear and with the lowest lubricant consumption. This makes our products the ideal choice when it comes to the lubrication of moving components such as chain drives.



### S.U.W. spray

The Rivolta S.U.W. spray is a residue-free evaporating special cleaning product with a mild odour. It is based on a combination of highly effective substances that have good material compatibility with metals and most plastics and at the same time reliably remove stubborn dirt such as resinous residues, oils and greases. During development, special attention was paid to health protection at work. It is not marked H336 "May cause drowsiness and dizziness" and is free of CMR substances. S.U.W. spray is considered indispensable for maintenance works in confined spaces, e.g. in wind turbines, and is generally outstanding when cleaning machine and engine parts, tools, ball bearings and gears.

**Do you want your escalators to run smoothly too?**

**Then get in touch. We would be pleased to give you comprehensive advice.**

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