

## LONG-TERM LUBRICATION LUBE-S

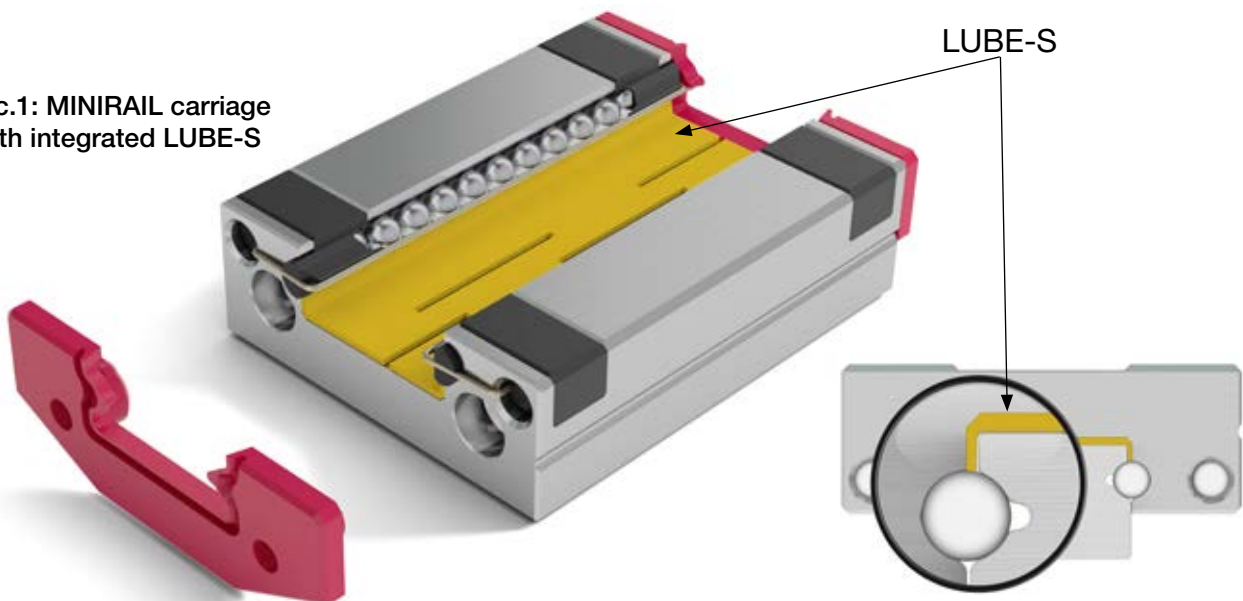
# Integrated LUBE-S long-term lubrication unit for SCHNEEBERGER MINIRAIL miniature linear guideway

MINIRAIL, the profiled miniature guideway can be equipped at any time with the optional LUBE-S, the new, unique, integrated long-term lubricator from SCHNEEBERGER.

The cleverly designed, U-shaped LUBE-S long-term lubricator is a lubricant reservoir that utilises the capillary effect to dispense stored

lubricant by tangential contact, in all possible installation orientations, at a controlled rate directly to the ball rolling elements. The LUBE-S unit is fitted on the inside of the MINIRAIL carriage, enabling it to lubricate all balls that are directly under load. LUBE-S ensures proper lubrication even in short-stroke applications.

pic.1: MINIRAIL carriage with integrated LUBE-S



pic.2: LUBE-S with ball contact (Detail: ball contact)

## Benefits of the LUBE-S long-term lubrication unit:

- No maintenance necessary up to a running distance of 20,000 km under normal ambient conditions.
- The integrated LUBE-S does not enlarge the installation footprint of the MINIRAIL miniature guide rail, so there is no impairment of travel paths.
- Optimal lubrication for all short-stroke applications.
- LUBE-S preserves the full scope of running characteristics, displacement forces and lifetime.
- Optimal, minimal lubricant usage for low environmental impact.
- LUBE-S is easily replaceable.

## SCHNEEBERGER AGENCIES

### EUROPE

#### AUSTRIA

Haberkorn GmbH  
6961 Wolfurt  
Phone: +43 5574 695-0  
Fax: +43 5574 695-99  
info.wolfurt@haberkorn.com

#### BULGARIA / MACEDONIA

Atlas Technik EOOD  
Hippodroma, Bl. 139B, Eing. A, App. 6  
1612 Sofia, PB 51  
Bulgarien  
Phone +359 2 859 76 81  
Fax +359 2 859 76 81  
Mobil +359 8 852 32 595  
E-Mail: al\_popoff@techno-link.com

#### CROATIA

Haberkorn CRO d.o.o.  
10431 Sveta Nedelja  
Phone +385 1 333 5870  
Fax +385 1 337 3902  
E-Mail: info@haberkorn.hr

#### DENMARK

HERSTAD + PIPER A/S  
Jernholmen 48c  
2650 Hvidovre  
Phone +45 367 740 00  
Fax +45 367 777 40  
E-Mail: mail@herstad-piper.dk

#### FINLAND

EIE Maskin OY  
PL, 80 Asematie 1  
10601 Tammissaari  
Phone +358 192 239 100  
Fax +358 192 239 199  
E-Mail: info@eie.fi

#### FRANCE

**Region Rhône-Alpes**  
Groupe BARET  
6 avenue du 11 novembre 1918  
69200 Venissieux  
Phone +33 4 78 77 32 32  
Fax +33 4 78 00 90 00  
E-Mail: contact@baret.fr

#### **Regions Ile de France, Normandie, Bretagne**

Groupe LECHEVALIER  
56 rue Jean Mermoz  
Parc d'activités de la Bretèque  
76230 Bois-Guillaume Cedex  
Phone +33 2 35 12 65 65  
Fax +33 2 35 59 89 97  
E-Mail: contact@lechevalier-sa.com

#### **Region Nord Pas de Calais**

LEFRANC LTL «Le Panetier»  
35, rue Pierre Martin  
Parc d'Activités de l'Inquétie  
62280 Saint Martin Boulogne  
Phone +33 3 21 99 51 51  
Fax +33 3 21 99 51 50  
E-Mail: lefranc.boulogne@lefranc-sa.fr

#### GERMANY

BGP-Blazevic Geradlinige Präzisionstechnik  
Stipo Blazevic  
Hochstiftstrasse 31  
93055 Regensburg  
Phone +49 941 569 996 20  
Fax +49 941 569 950 97  
Mobil +49 151 401 126 25  
E-Mail: info@bpg-blazevic.de

#### GREAT BRITAIN

LG Motion Ltd.  
Unit 1 Telford Road  
Houndmills Estate, Basingstoke  
Hampshire RG21 6YU  
Phone +44 012 563 656 00  
Fax +44 012 563 656 45  
E-Mail: info@lg-motion.co.uk

### EUROPE

#### HUNGARY

Haberkorn Kft.  
Asztalos Sándor u.12  
Budapest, 1087  
Phone +36 13030325  
Fax +36 1/3030262  
E-Mail: office@haberkorn.rs

#### ITALY

Nadella S.r.l.  
Via Melette, 16  
20128 Milano  
Phone +39 022 709 329 7  
Fax +39 022 551 768  
E-Mail: customer.service@nadella.it

#### NORWAY

Elmeko AS (s. EIE Maskin)  
Tvetenveien 164  
0671 Oslo  
Phone +47 675 722 70  
Fax +47 675 722 80  
E-Mail: elmeko@elmeko.no

#### POLAND

TECHNIKA LINIOWA  
Rollico Rolling Components  
Ul. Cegielniana 21  
42-700 Lubliniec  
Phone +48 343 510 430  
Fax +48 343 510 431  
E-Mail: rollico@rollico.com

#### ROMANIA

Meximpex SRL  
4, Burebista Blvd.,  
bl. D13 sc. A et 2 ap. 9-10  
031108 Bucharest  
Phone +40 213 166 843 /44  
Fax +40 213 166 846  
E-Mail: office@meximpex.ro

#### SERBIA/MONTENEGRO

Haberkorn d.o.o.  
Kralja Petra I, 59  
21203 Veternik,  
Phone +381 21 3 101 555  
Fax +381 21 3 101 554  
E-Mail: office@haberkorn.rs

#### SLOVAKIA

KBM, s.r.o.  
Juraj Hajovsky  
Zitná 13  
010 04 Zilina  
Phone +421 417 070 324  
Fax +421 417 070 333  
Mobile +421 090 585 1465  
E-Mail: jhajovsky@kbm.sk

#### SLOVENIA / BOSNIA HERZEGOVINA

Haberkorn d.o.o.  
Vodovodna ul. 7  
2000 Maribor  
Phone +386 2 320 67 10  
Fax +386 2 320 67 30  
E-Mail: info@haberkorn.si

#### SWEDEN

EIE Maskin AB  
Box 7  
12421 Bandhagen  
Phone +46 87 278 800  
Fax +46 87 278 899  
E-Mail: eie@eie.se

#### TURKEY

Birlik Rulman (Paz.Itd.sti.)  
Mumhane Cad. No: 16  
80030 Karakoy-Istanbul  
Phone +90 212 249 54 95  
Fax +90 212 244 21 40  
E-Mail: birlik@birlikrulman.com

### ASIA

#### KOREA

Intech Automation Inc.  
1-1108, Ace Hitech City  
55-20 Mullaee-Dong 3-Ga  
Youngdeungpo-Ku  
150-972 Seoul  
Phone +82 2 3439 0070 - 4  
Fax +82 2 3439 0080  
E-Mail: intech@intechautomation.co.kr

Lineartech Inc.  
369 Geumgok-ri, Dongtan-myeon  
Hwaseong-si, Gyeonggi-do  
445-811 Korea  
Phone +82 31 274 0485  
Fax +82 31 274 0486  
E-Mail: lineartech@chol.com

#### TAIWAN / REPUBLIC OF CHINA

Ever Bright Precison Ltd.  
1 F,nr.52  
Lane 10 Chi-hu Road  
114 Taipei  
Phone +886 226 595 586  
Fax +886 226 595 587  
E-Mail: sales@everbright.com.tw

#### AUSTRALIA / NEW ZEALAND

RJM Engineering Supplies  
Tamar Street 13  
VIC 3134 Ringwood  
Phone +61 398 794 881  
Fax +61 398 793 700  
E-Mail: rjmeng@rjmeng.com.au

#### SOUTH AFRICA

Fischli & Fuhrmann Ltd.  
P.O Box 253  
1600 Isando Gauteng  
Phone +27 119 745 571  
Fax +27 119 745 574  
E-Mail: info@fifu.co.za

#### SOUTH AMERICA

Ibatech Tecnologia Ltda.  
Av. Amazonas, 976  
90240 542 Porto Alegre RS  
Brazil  
Phone +55 513 337 14 81  
Fax +55 513 337 52 65  
E-Mail: ibacorp@iba-corp.com

## PROSPECTUSES

- COMPANY BROCHURE
- CUSTOMIZED BEARINGS
- GEAR RACKS
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## SCHNEEBERGER COMPANIES

### SWITZERLAND

SCHNEEBERGER AG  
St. Urbanstrasse 12  
4914 Roggwil/BE

Phone +41 62 918 41 11  
Fax +41 62 918 41 00

E-Mail:  
info-ch@schneeburger.com

### JAPAN

Nippon SCHNEEBERGER K.K.  
Crane Toranomon Bldg 7F  
3-20-5 Toranomon, Minato-ku  
Tokyo 105-0001

Phone +81 3 6435 7474  
Fax +81 3 6435 7475

E-Mail:  
info-j@schneeburger.com

### JAPAN

日本シュネーベルガー株式会社  
〒105-0001  
東京都港区虎ノ門3-20-5  
クレイン虎ノ門ビル7F

電話 03 6435 7474  
ファクス 03 6435 7475

Eメール:  
info-j@schneeburger.com

### GERMANY

SCHNEEBERGER GmbH  
Gräfenau  
75339 Höfen/Enz

Phone +49 7081 782 0  
Fax +49 7081 782 124

E-Mail:  
info-d@schneeburger.com

### CHINA

SCHNEEBERGER (Shanghai) Co., Ltd.  
Rm 606, Shang Gao International  
Building  
No. 137 XianXia Road  
200051 Shanghai

Phone +86 21 6209 0037 / 27  
Fax +86 21 6209 0102

E-Mail:  
info-cn@schneeburger.com

### CHINA

施耐博格 (上海) 传动技术有限公司  
上海市长宁区  
仙霞路137号盛高国  
际大厦606室, 上海 200051

电话 +86 21 6209 0027  
传真 +86 21 6209 0102

邮箱:  
info-cn@schneeburger.com

### ITALY

SCHNEEBERGER S.r.l.  
Via Soldani 10  
21021 Angera (VA)

Phone +39 0331 93 2010  
Fax +39 0331 93 1655

E-Mail:  
info-i@schneeburger.com

### KOREA

SCHNEEBERGER Korea Ltd.  
UNION Center Building  
1004, 10th FL  
310, Gangnam-Daero,  
Gangnam-Gu, Seoul,  
Korea 135-754

Phone +82 2 554 2971  
Fax +82 2 554 3971

E-Mail:  
info-kr@schneeburger.com

### KOREA

서울시 강남구 강남대로 310  
유니온센터 빌딩 1004호  
우편번호 135-754

전화 +82 2 554 2971  
팩스 +82 2 554 3971

이메일:  
info-kr@schneeburger.com

### USA

SCHNEEBERGER Inc.  
44 Sixth Road,  
Woburn, MA 01801-1759

Phone +1 781 271 0140  
Fax +1 781 275 4749

E-Mail:  
info-usa@schneeburger.com

### SINGAPORE

SCHNEEBERGER LINEAR  
TECHNOLOGY PTE. Ltd.  
160 Paya Lebar Road, #05-04  
Orion Industrial Building  
409022 Singapore

Phone + 65 6841 2385  
Fax + 65 6841 3408

E-Mail:  
info-sg@schneeburger.com

### INDIA

SCHNEEBERGER India Pvt. Ltd.  
406, 4th Floor, Satra Plaza,  
Palm Beach Road, Sector 19D Vashi,  
400 703 New Mumbai

Phone +91 22 6461 0646  
+91 22 6461 1756

E-Mail:  
info-in@schneeburger.com

## SCHNEEBERGER MINERAL CASTING

### CZECH REPUBLIC

SCHNEEBERGER  
Mineralgusstechnik s.r.o  
Prumyslový park 32/20  
350 02 Cheb – Dolní Dvory

Phone +420 354 400 941  
Fax +420 354 400 940

E-Mail:  
info-mineralguss@schneeburger.com

### CHINA

SCHNEEBERGER Changzhou  
Precision Systems Co. Ltd.  
137 Hanjiang Road  
Changzhou New district  
213000 Changzhou, Jiangsu

Phone +86 519 8988 3938  
Fax +86 519 8988 5115

E-Mail:  
info-mineralcasting@schneeburger.com

### CHINA

施耐博格 (常州) 测试系统有限公司  
汉江路137, 常州新区, 常州213022

电话 +86 519 8988 3938  
传真 +86 519 8988 5115

邮箱:  
info-mineralcasting@schneeburger.com

## SCHNEEBERGER SALES DEPARTMENTS

### AUSTRIA AND SOUTH EAST EUROPE

Mobile +43 676 935 1035

E-Mail:  
info-a@schneeburger.com

### ISRAEL

Mobile +972 5 0551 7920

E-Mail:  
info-il@schneeburger.com

### BENELUX

Mobile +31 6 5326 3929

E-Mail:  
info-nl@schneeburger.com

### POLAND, SLOVAKIA, CZECH REPUBLIC

Mobile +420 6 0278 4077

E-Mail:  
info-cz@schneeburger.com

### DENMARK, SWEDEN

Mobile +31 6 5326 3929

E-Mail:  
info-nl@schneeburger.com

### RUSSIA, BELARUS, UKRAINE

Mobile +7 985 960 85 53  
Mobile +38 050 407 6789  
Mobile +37 529 860 0410

E-Mail:  
info-ru@schneeburger.com

### FRANCE

Mobile +33 6 0941 6269

E-Mail:  
info-f@schneeburger.com

### SPAIN, PORTUGAL ANDORRA

Mobile +34 69 559 05 99

E-Mail:  
info-es@schneeburger.com

### GREAT BRITAIN

Mobile +44 77 8814 5645

E-Mail:  
info-uk@schneeburger.com

### TURKEY

Mobile +90 545 320 83 55

E-Mail:  
info-tr@schneeburger.com