



## Addendum to the Operating Instructions



### **Gear Units**

Series R..7, F..7, K..7, S..7, SPIROPLAN<sup>®</sup> W  
With Regreasable Labyrinth Seal





---

## Contents

<b>1</b>	<b>Regreasing of the Labyrinth Seal .....</b>	<b>4</b>
1.1	Output shaft .....	4
1.2	Position of greasing points .....	4
1.3	Refilling grease .....	5
1.4	Inspection and maintenance intervals.....	5
1.5	Technical data.....	5



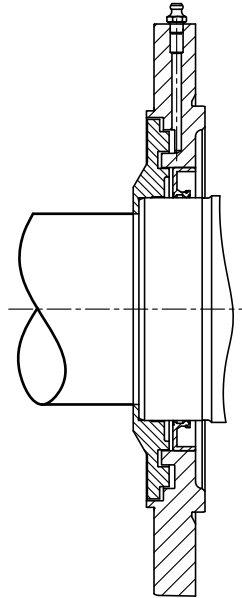
## Regreasing of the Labyrinth Seal Output shaft

### 1 Regreasing of the Labyrinth Seal

#### 1.1 Output shaft

The following figure shows an example of a regreasable radial labyrinth seal (taconite).

- Single oil seal with radial labyrinth seal
- Used in **very dusty** environments with abrasive particles



9007204406135947

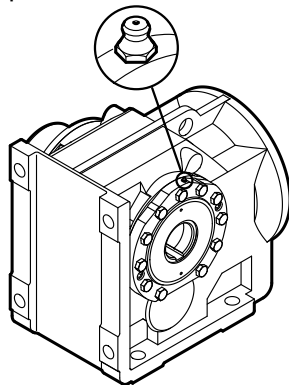


#### INFORMATION

Make sure that the gear unit shaft is rotating during the regreasing process.

#### 1.2 Position of greasing points

Regreasable sealing systems are usually equipped with taper greasing nipples according to DIN 71412 A. Regreasing must be carried out at regular intervals. The greasing points are located near the output shaft, see following figure:



4986644747



### 1.3 Refilling grease

Regreasable sealing systems can be refilled with lubricating grease. Use moderate pressure to force grease into each lubrication point until new grease leaks out of the sealing gap.

Used grease, including contaminants and sand, is in this way pressed out of the sealing gap.



#### INFORMATION

Immediately remove the old grease that leaked out.

### 1.4 Inspection and maintenance intervals



Observe the following inspection and maintenance intervals for the regreasing of labyrinth seals:

Time interval	What to do?
Every 3000 operating hours, at least every 6 months	Fill regreasable sealing systems with grease.

### 1.5 Technical data

#### 1.5.1 Sealing and rolling bearing grease

The table shows the lubricants recommended by SEW-EURODRIVE for operating temperatures from  $-40\text{ }^{\circ}\text{C}$  to  $+80\text{ }^{\circ}\text{C}$ :

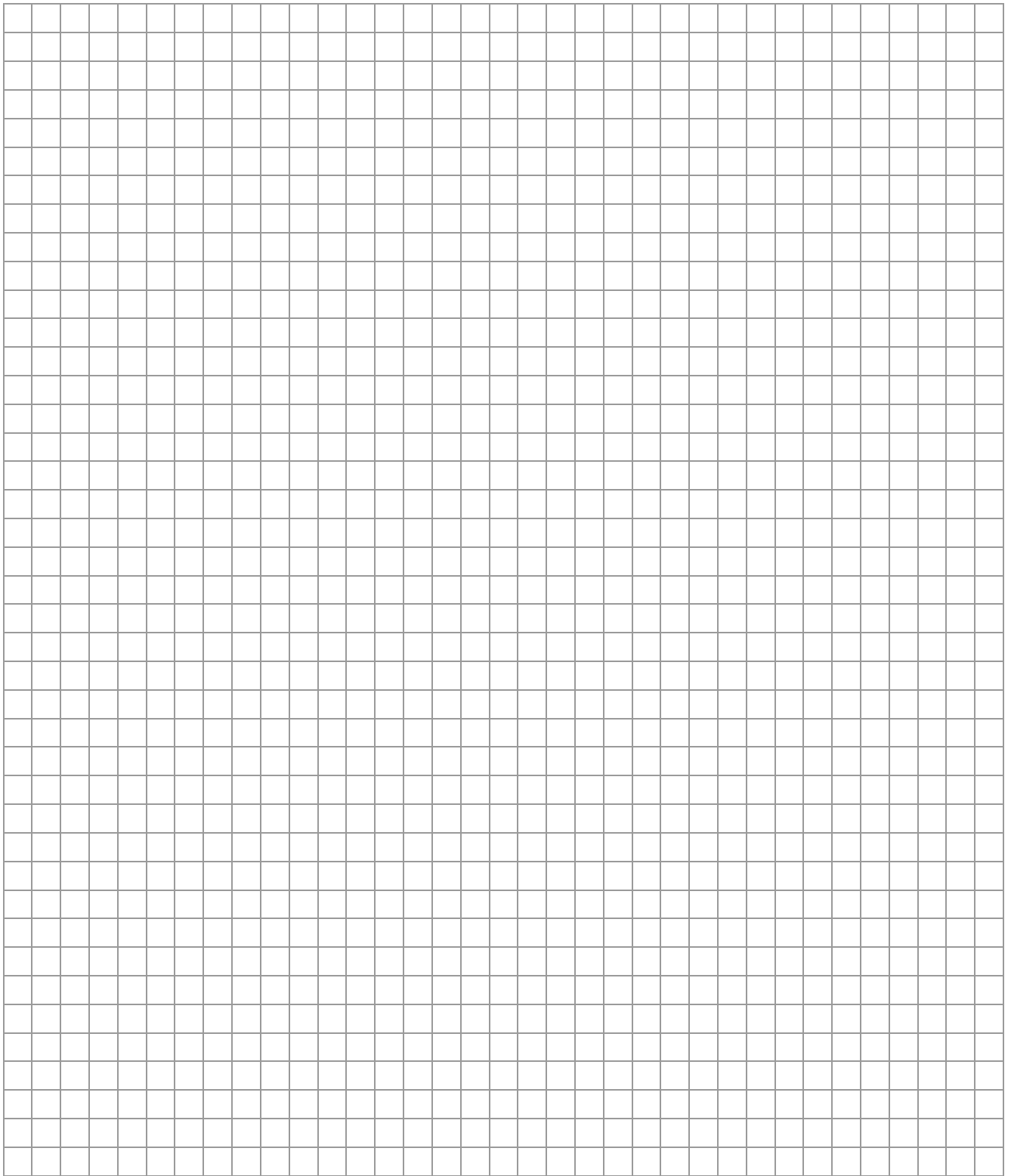
Manufacturer	Grease
Fuchs	Renolit CX TOM 15 OEM
 Aral	Aral Eural Grease EP2
 Aral	Aral Aralube BAB EP2



#### INFORMATION

If a customer wants to use a grease that is not listed in the above table, the customer has to make sure that it is suitable for the intended application.







**SEW-EURODRIVE**  
Driving the world

**SEW**  
**EURODRIVE**

SEW-EURODRIVE GmbH & Co KG  
P.O. Box 3023  
D-76642 Bruchsal/Germany  
Phone +49 7251 75-0  
Fax +49 7251 75-1970  
sew@sew-eurodrive.com

→ [www.sew-eurodrive.com](http://www.sew-eurodrive.com)