

# SKF SYSTEM 24

TLSD Series



Instructions for use  
Mode d'emploi  
Bedienungsanleitung  
Instrucciones de uso

Manuale d'istruzioni  
Instruções de uso  
使用说明书  
Инструкция по эксплуатации

## Eu-declaration of conformity

We,  
SKF Maintenance Products  
Kelvinbaan 16  
3439 MT Nieuwegein  
The Netherlands

herewith declare that the following product:

### **SKF SYSTEM 24 Automatic Lubricator TLSD Series**

has been designed and manufactured in accordance with:  
EMC DIRECTIVE 2004/108/EC as outlined in the harmonized norm for  
EN61000-6-2:2005,  
EN61000-6-3:2007 /A1:2011,  
EN61000-4-2, EN61000-4-3, EN61000-4-8

EUROPEAN ROHS DIRECTIVE 2011/65/EU

Nieuwegein, The Netherlands,  
May 2013



Sébastien David  
Manager Product Development and Quality



**TMBA G11D**



**MP5409**





[www.skf.com/lubrication](http://www.skf.com/lubrication)



LGFP 2  
LHMT 68  
LHFP 150  
LHHT 265



## Safety recommendations

### English

- At prolonged low temperatures there is a small risk that the battery pack capacity will not allow the full lubricant content to be dispensed.
- Under such operating conditions, it is recommended to exchange the battery pack when half the lubricant is dispensed.
- **Warning:** If the battery pack is exchanged then the empty canister indicator could be disabled.

### Français

- Pendant une exposition prolongée à basses températures, il se peut que la capacité des batteries ne permette pas la distribution totale du lubrifiant.
- Dans de telles conditions, il est recommandé de changer les batteries quand la moitié du lubrifiant a été distribuée.
- **Attention:** si les batteries sont remplacées, l'indicateur de réservoir vide pourrait ne plus fonctionner.

### Deutsch

- Bei anhaltenden geringen Temperaturen ist in seltenen Fällen möglich, dass die Batterien vor vollständiger Entleerung der Kartusche entladen sind.
- Ist der Füllstand um 50% gesunken, ist es unter solchen Bedingungen ratsam, die Batterien vorzeitig auszutauschen.
- **Hinweis:** Nach Austausch der Batterien könnte die Warnanzeige für die vollständige Entleerung des Schmierstoffbehälters deaktiviert werden.

### Español

- A temperaturas bajas prolongadas existe un pequeño riesgo que la capacidad del paquete de la batería no permitirá que el contenido completo del lubricante sea dispensado.
- Bajo tales condiciones de funcionamiento, se recomienda intercambiar el paquete de la batería cuando la mitad del lubricante sea dispensado.
- **Advertencia:** Si el paquete de la batería se intercambia entonces el indicador del frasco vacío podría estar desactivado.

### Italiano

- Con l'esposizione prolungata alle basse temperature sussiste un minimo rischio che la capacità del pacco batteria impedisca la completa erogazione del lubrificante.

- Qualora sussistano tali condizioni di funzionamento, si consiglia di sostituire il pacco batteria non appena il lubrificante sia stato erogato per metà.
- **Attenzione:** quando si sostituisce il pacco batteria, l'indicatore di livello del contenitore potrebbe essere disabilitato.

### Svenska

- Vid långvarig låg temperatur finns en liten risk att batteripaketets kapacitet inte räcker till att tömma hela smörjmängden i behållaren.
- Vid sådana driftsförhållanden rekommenderas att byta batteripaketet efter att halva behållaren tömts.
- **Varning:** Om batteripaketet byts, kan indikator för tom behållare komma att inaktiveras.

### Nederlands

- Bij langdurige perioden met lage temperaturen is er een kleine kans dat de capaciteit van de batterij onvoldoende is om de volledige inhoud van de smeereinheid te leveren.
- Het is raadzaam om onder deze omstandigheden de batterij halverwege de doseertijd te vervangen.
- **Pas op:** Bij het vervangen van de batterij kan de LED indicatie van een lege smeereinheid uitgezet worden.

### Português

- Diante de temperaturas baixas por um tempo prolongado, existe um pequeno risco de que a capacidade do conjunto de baterias não permita que seja suprido o conteúdo total do lubrificante.
- Em face de tais condições operacionais, recomenda-se a substituição do conjunto de baterias quando a metade do lubrificante tiver sido distribuída.
- **Atenção:** Se o conjunto de baterias for substituído então o indicador de que o tambor está vazio pode ser desativado.

### 中文

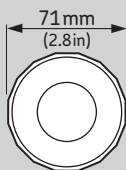
- 在长期的低温状态下，存在着电池容量受温度影响不足以分配所有的润滑剂的可能。
- 在这种工况下，建议当润滑剂分配一半后更换电池组。
- 警告：电池组被更换后，该单点润滑器的空罐指示灯将失效。

### Русский

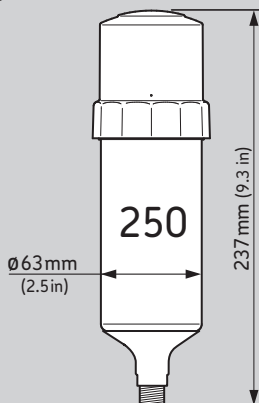
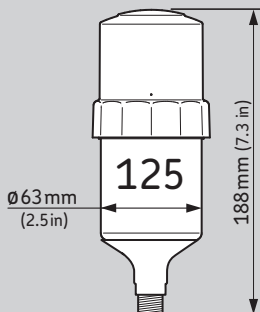
- При продолжительной работе при низких температурах существует небольшой риск, что ёмкость батареи не обеспечит достаточной мощности для подачи всего объёма смазочного вещества.
- При таких условиях работы рекомендуется менять батарею после того, как была израсходована половина объёма смазочного вещества.
- Предупреждение: после замены батареи можно отключить индикатор пустой ёмкости.



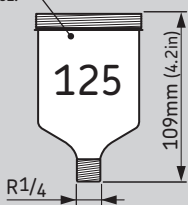
TLSD .../125



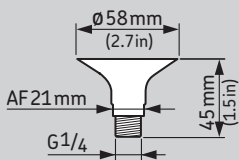
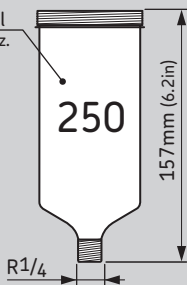
TLSD .../250



125 ml  
4.2 fl. oz.



250 ml  
8.5 fl. oz.





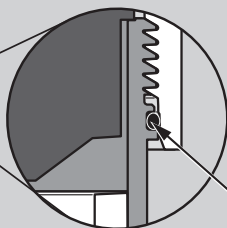
Max.  
5 bar  
(72 psi)



Max.  
3 bar  
(43 psi)



1/2/3  
4/6/8  
9/10/12  
months



IP65



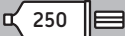
TLSD 1-BAT



EU Code:  
160604

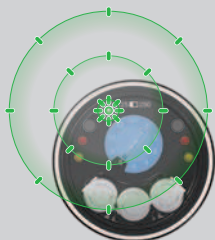


EU Code:  
150110

|  LG.. |  125 |  250 |  125 |  250 |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| LGWA 2                                                                                 | TLSD 125/WA2                                                                          | TLSD 250/WA2                                                                          | LGWA 2/SD125                                                                          | LGWA 2/SD250                                                                          |
| LGEM 2                                                                                 | TLSD 125/EM2                                                                          | TLSD 250/EM2                                                                          | LGEM 2/SD125                                                                          | LGEM 2/SD250                                                                          |
| LGHB 2                                                                                 | TLSD 125/HB2                                                                          | TLSD 250/HB2                                                                          | LGHB 2/SD125                                                                          | LGHB 2/SD250                                                                          |
| LGHP 2                                                                                 | TLSD 125/HP2                                                                          | TLSD 250/HP2                                                                          | LGHP 2/SD125                                                                          | LGHP 2/SD250                                                                          |
| LGFP 2                                                                                 | TLSD 125/FP2                                                                          | TLSD 250/FP2                                                                          | LGFP 2/SD125                                                                          | LGFP 2/SD250                                                                          |
| LGWM 2                                                                                 |                                                                                       |                                                                                       | LGWM 2/SD125                                                                          | LGWM 2/SD250                                                                          |
|  LH.. |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| LHMT68                                                                                 | TLSD 125/HMT68                                                                        | TLSD 250/HMT68                                                                        | LHMT 68/SD125                                                                         | LHMT 68/SD250                                                                         |
| LHHT 265                                                                               |                                                                                       |                                                                                       | LHHT 265/SD125                                                                        | LHHT 265/SD250                                                                        |
| LHFP 150                                                                               |                                                                                       |                                                                                       | LHFP 150/SD125                                                                        | LHFP 150/SD250                                                                        |

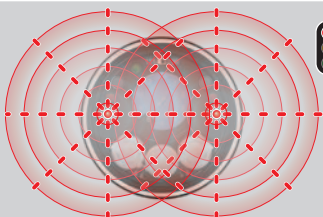
|  31<br>months |  125 |  250 |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| OFF                                                                                             | 0 ml/day                                                                                | 0 ml/day                                                                                |
| 1M                                                                                              | 4,1 ml/day                                                                              | 8,2 ml/day                                                                              |
| 2M                                                                                              | 2,0 ml/day                                                                              | 4,1 ml/day                                                                              |
| 3M                                                                                              | 1,4 ml/day                                                                              | 2,7 ml/day                                                                              |
| 4M                                                                                              | 1,0 ml/day                                                                              | 2,0 ml/day                                                                              |
| 6M                                                                                              | 0,7 ml/day                                                                              | 1,4 ml/day                                                                              |
| 8M                                                                                              | 0,5 ml/day                                                                              | 1,0 ml/day                                                                              |
| 9M                                                                                              | 0,5 ml/day                                                                              | 0,9 ml/day                                                                              |
| 10M                                                                                             | 0,4 ml/day                                                                              | 0,8 ml/day                                                                              |
| 12M                                                                                             | 0,3 ml/day                                                                              | 0,7 ml/day                                                                              |

30 s



OK

2 s

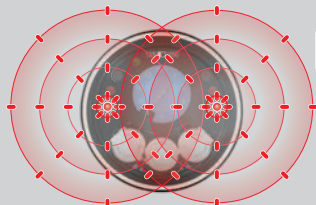


0 ml



STOP

5 s

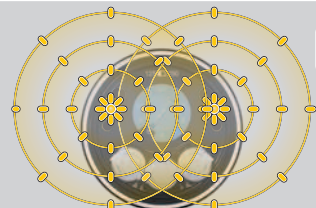


> 5 bar  
(72 psi)



ERROR  
STOP

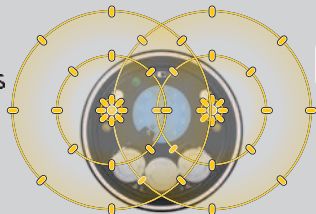
5 s



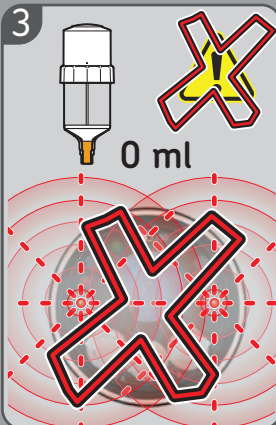
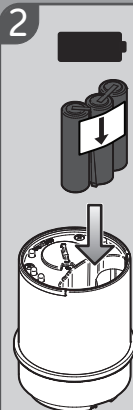
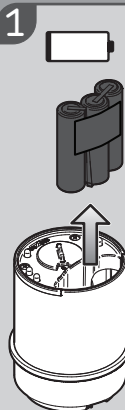
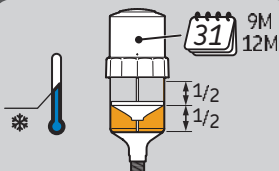
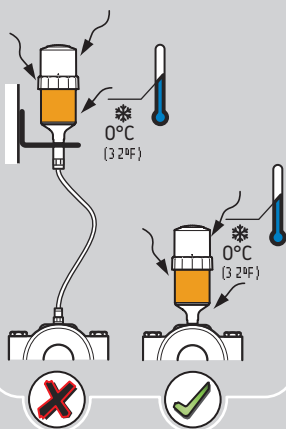
~ 5 bar  
(72 psi)

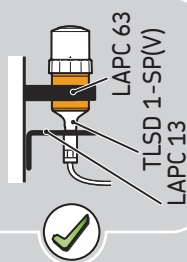
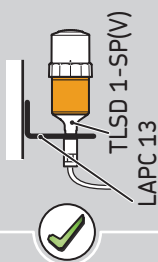
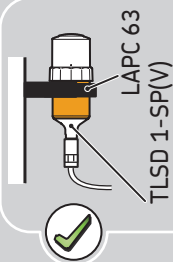
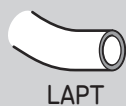
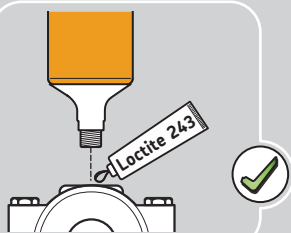
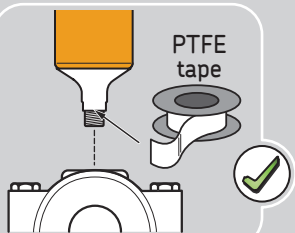
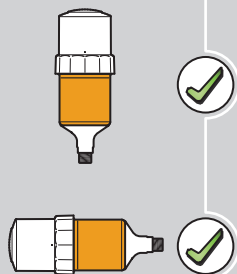
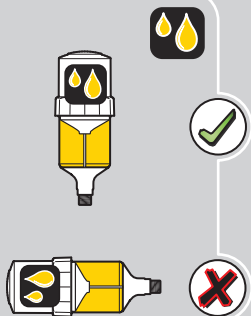


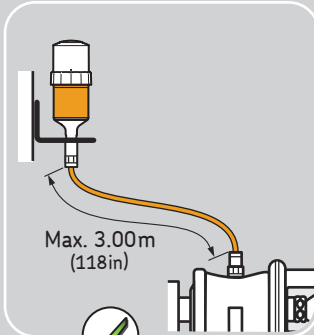
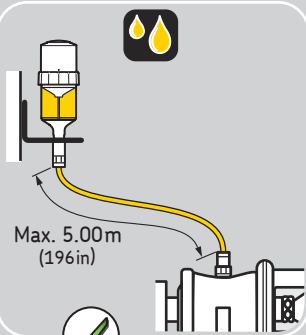
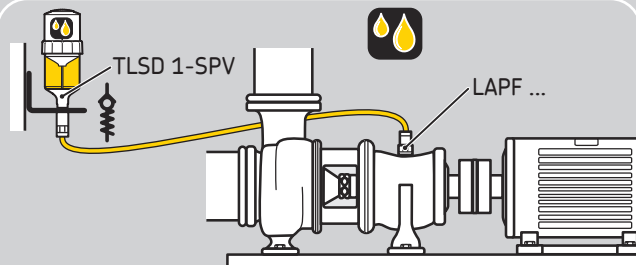
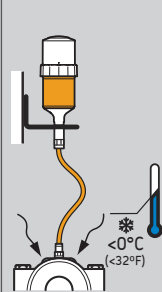
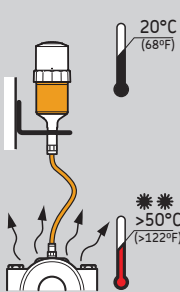
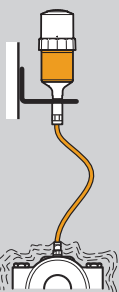
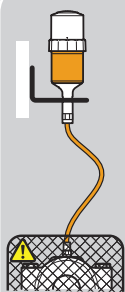
30 s

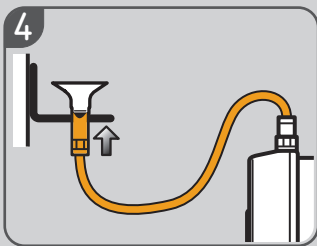
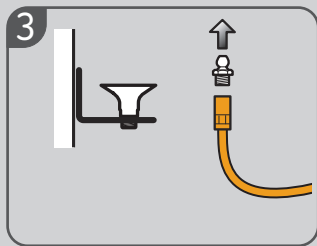
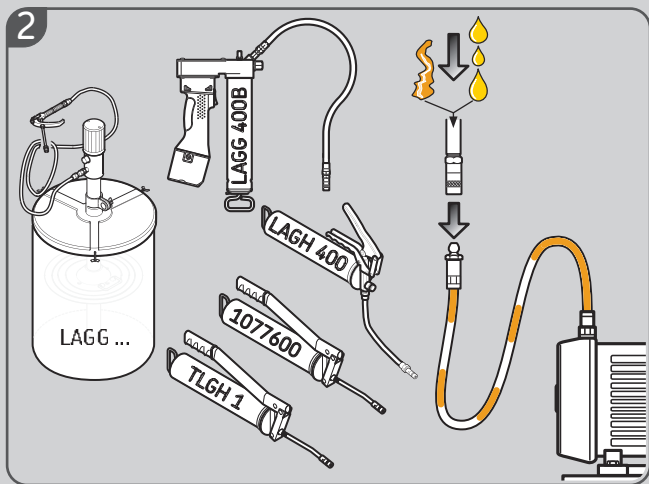
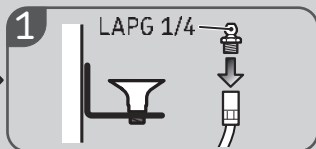
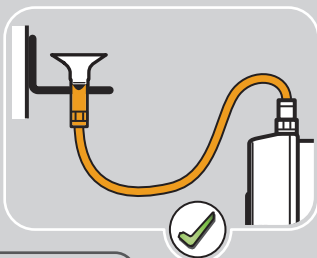
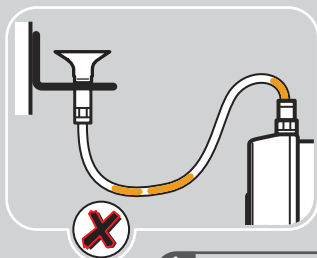


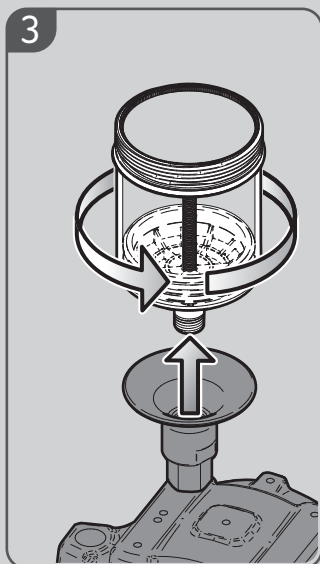
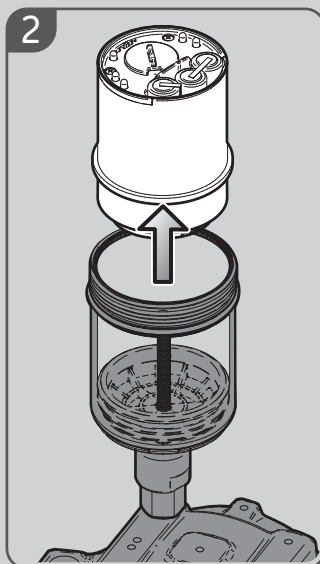
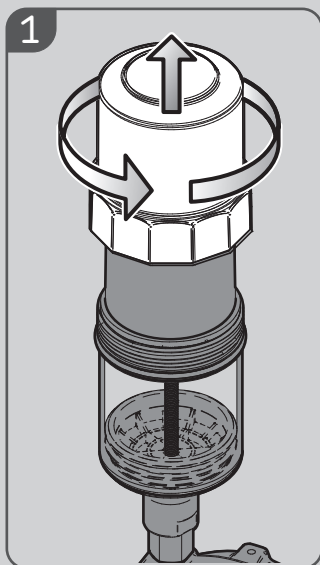
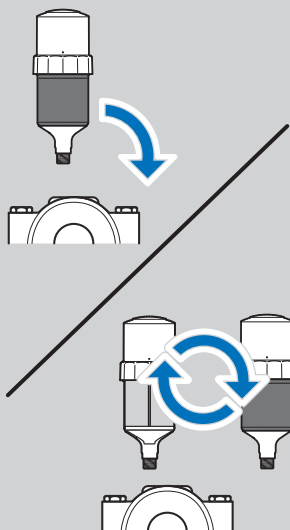
**TLSD 1-BAT**  
 0°C - 50°C  
 (32°F - 122°F)



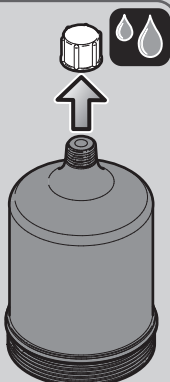
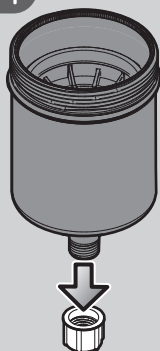




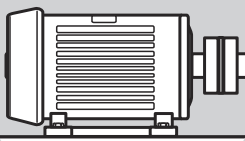
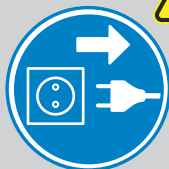




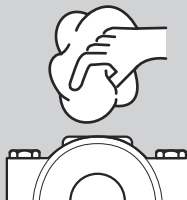
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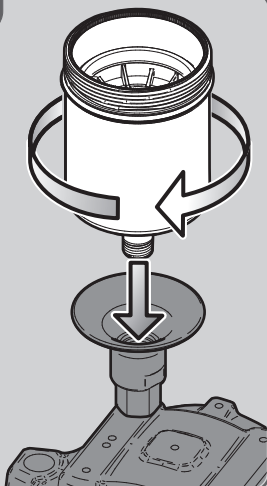
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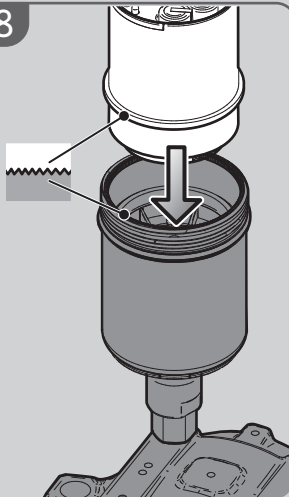
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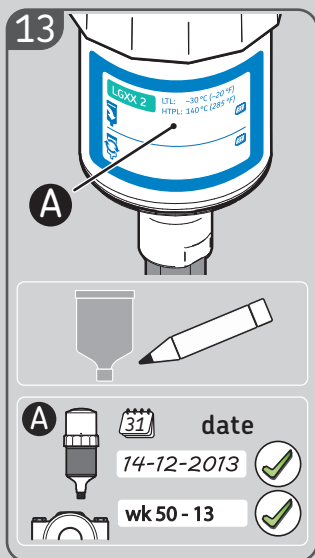
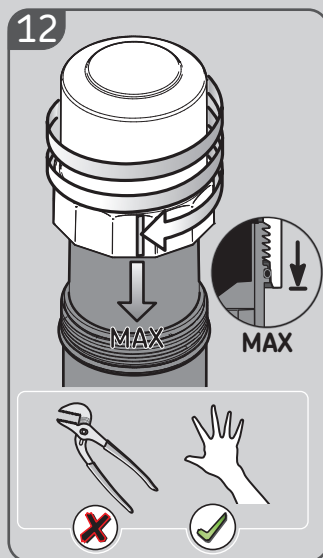
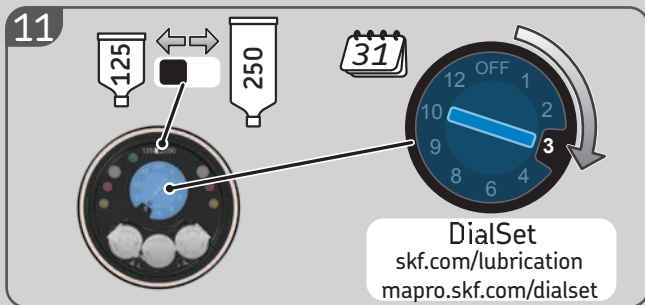
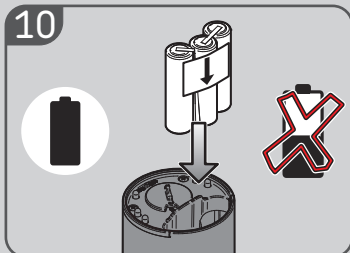
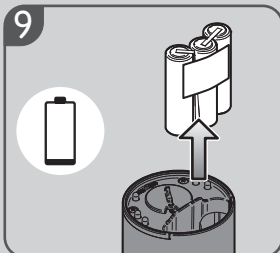


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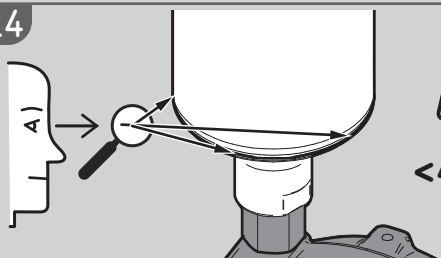


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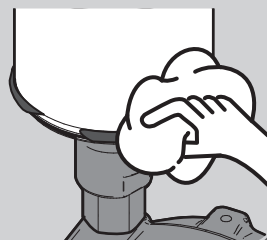
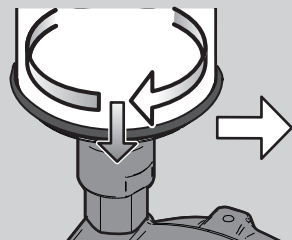


14

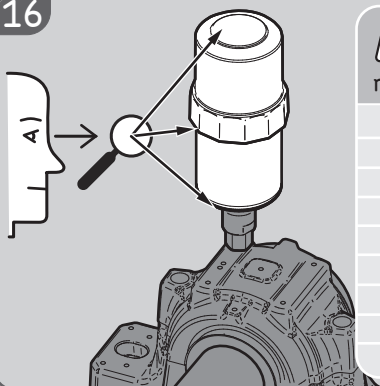


&lt;4 days

15



16

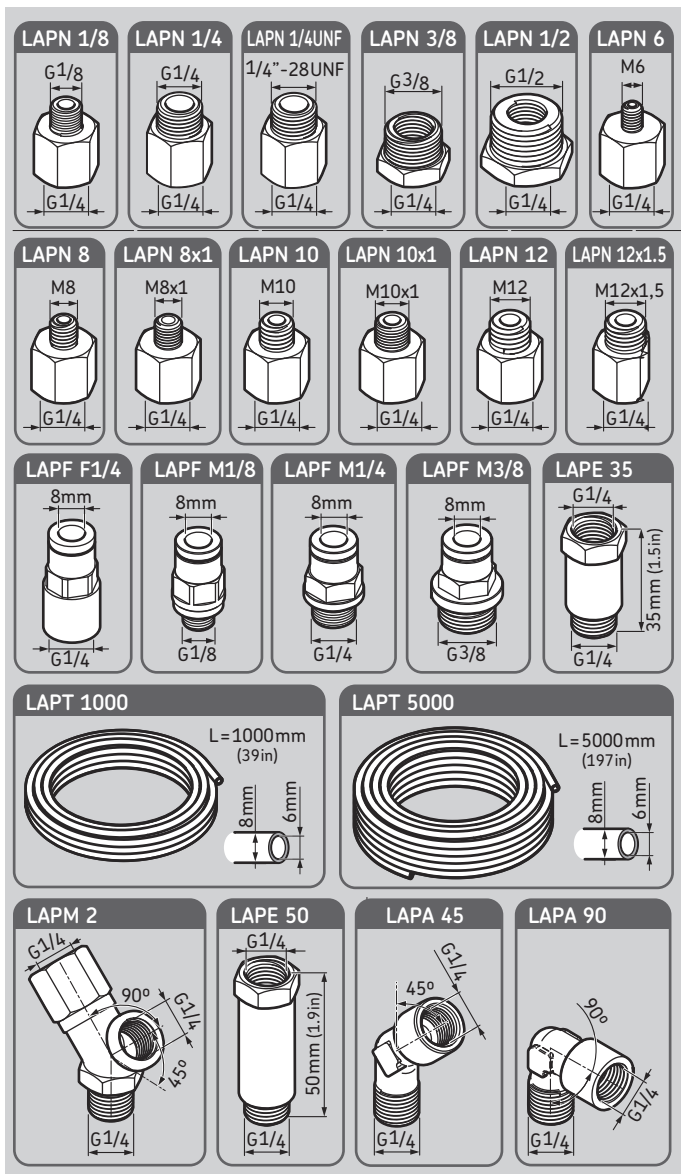


months



days

|     |        |      |
|-----|--------|------|
| 1M  | > 4 x  | < 7  |
| 2M  | > 4 x  | < 14 |
| 3M  | > 4 x  | < 22 |
| 4M  | > 4 x  | < 30 |
| 6M  | > 6 x  | < 30 |
| 8M  | > 8 x  | < 30 |
| 9M  | > 9 x  | < 30 |
| 10M | > 10 x | < 30 |
| 12M | > 12 x | < 30 |



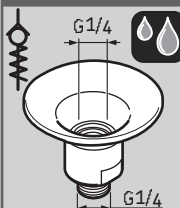
TLSD 1-BAT



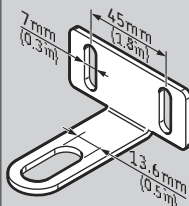
TLSD 1-SP



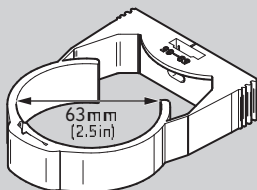
TLSD 1-SPV



LAPC 13



LAPC 63



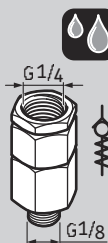
LAPG 1/4



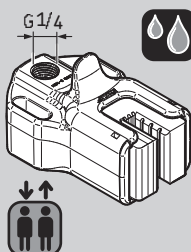
LAPV 1/4



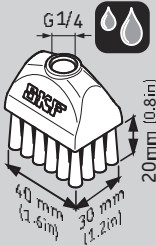
LAPV 1/8



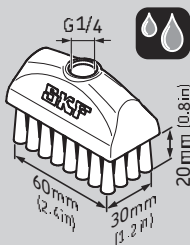
LAPB 5-16E1



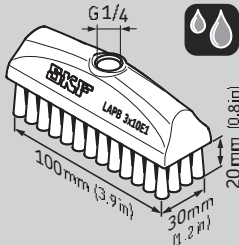
LAPB 3x4E1



LAPB 3x7E1



LAPB 3x10E1



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