

Technical Data Sheet

ALS 125 Easy is a Made in Germany automatic lubricator. ALS 125 Easy automatic lubricators are reliable, easy to maintain and offer long-term lubrication for improved equipment availability. For reliable and cost-efficient maintenance of all single lubrication points electronically monitored ALS 125 Easy lubricators. ALS 125 Easy is safe, clean, economic and adjustable. Automatic greasing for up to 12 months. The function was very simple with 4 times of periods: 1, 3, 6 and 12 month of lubrication times.



FEATURES AND BENEFITS OF ALS 125 EASY

- 4 setting-times 1/3/6/12 month
- Profitable
- Automatic lubrication
- Lubricant dosage freely selectable
- Adjustable at any time
- Visual control of grease flow
- Precise lubrication
- Operating pressure max. 5 bar
- Weatherproof and waterproof
- Corrosion resistant
- Activation and deactivation via jumper switch
- Operating temperature from -20°C to +50°C
- Increased equipment availability through continuous lubrication
- Improved safety and reliable
- Long-term lubrication
- Reduction of maintenance costs
- Mountable in any position
- Easy installation

TIPS

- Before screwing in the lubricator, make sure to pre-grease lubrication point first.
- Fill pipes or hoses with lubricant before activating lubricator.
- Hose or pipe extension of up to 0.5 m possible when using grease. A maximum of 2.5m are recommended when using oil.
- When using oil as lubricant, the time setting should be increased by 40 % to allow for the lesser resistance of oil. It is also recommended to use a non-return valve to avoid the oil from running out of the hoses or pipes.

IMPORTANT NOTICE

Avoid electrostatic charging of lubricator (e.g. friction from cloths or strong air flows). ALS is not responsible for consequential damage beyond replacement of lubricator or refund of amount paid

TECHNICAL ORDER INFORMATION

Name / Type	ALS Typ 125 Easy
Lubricant	Oil and Grease upto NLGI 2
Lubricant Grade	All usage
Capacity	100g
Voltage supply	Varta Industrial 4006 (2x1,5V) 3V
Battery	II 2G, Ex ib IIC T6 Gb, I M2 Ex ib I Mb
Temp. range	-20 °C to +50 °C.
Clamping torque	6 Nm at 20°C

PRINCIPLE OF OPERATION

On activating the lubricator, an electro-chemical reaction is triggered which results in a pressure build-up within the nitrogen chamber. This pressure is directed to the piston by means of a bellows. The pressure moves the piston down, grease is discharged. Lubrication begins when the right amount of pressure is reached. The pressure remains even if the lubricator is switched off in between. When turned back on, the greasing will immediately continue.

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Automatic Lubrication Systems
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The personally liable partner is ALS Beteiligungsgesellschaft mbH in 70180 Stuttgart, HRB 757209 AG Stuttgart, ED Oe. TOMA


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FRONT OF THE ALS 125 EASY – FRONT LABEL

Front label is an Information about the lubricator and lubricant, also about certificates



easy



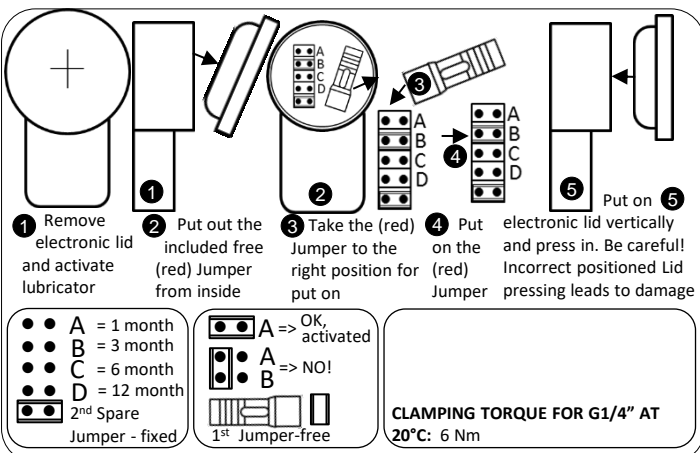
Name / Type	ALS 125 Easy
Order-No.	
Lubrication	Shell Alvania EP 2
Lubrication 100g	High Viscosity Food Oil
Grade	V 320 H1
Temperatur	-45°C - +250°C
Application	
Voltage supply	Varta 4006 (2x1,5V) 3V

Date of Change	
Date of Installation	

TIME FOR PRESSURE BUILD-UP				
Running Time / months	1	3	6	12
Jumper pushed on	A	B	C	D
Pressure build-up Time / days	1	3	6	10

BACK OF THE ALS 125 EASY – BACK LABEL

Back label is an manual and handling information



1 Remove electronic lid and activate lubricator

2 Put out the included free (red) Jumper from inside

3 Take the (red) Jumper to the right position for put on

4 Put on the (red) Jumper

5 Put on electronic lid vertically and press in. Be careful! Incorrect positioned Lid pressing leads to damage

• A = 1 month
• B = 3 month
• C = 6 month
• D = 12 month


2nd Spare Jumper - fixed

A => OK, activated
A => NO!
B => NO!


1st Jumper-free

CLAMPING TORQUE FOR G1/4" AT 20°C: 6 Nm


OPERATING INSTRUCTIONS AND MANUAL




Pre-grease bearing with grease gun




Remove grease nipple from bearing with wrench



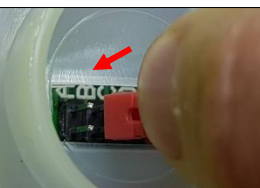
Screw in adapter from G1/4 to M6x1, M8x1, M10x1, G1/8



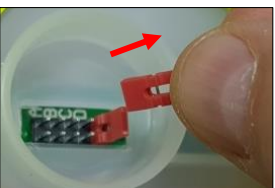
Screw on lubricator, standard thread G1/4




Remove electronic lid and activate lubricator



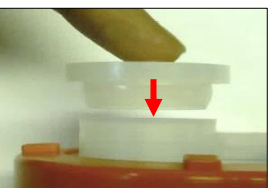
Put on the free (red) Jumper to selected grease discharge setting (see table)




Put out the free (red) Jumper for turn off



Be careful! Electronic Lid incorrectly ALS 125 Easy Boardlied and positioned incorrect press operation leads to damage of lid

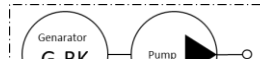


Put on electronic lid for micro switch vertically and press in







Electronic lid must rest on the entire lid area

Symbol / Symbol



SETTINGS WITH FREE (RED) JUMPERS THE CONTACT /TIMES

Code (• = activated)	free (red) Jumper Position	Running time of lubricator	Daily volume of lubricant
 fixed Jumper	A	1 month	3,33 cm ³
 fixed Jumper	B	3 months	1,11 cm ³
 fixed Jumper	C	6 months	0,55 cm ³
 fixed Jumper	D	12 months	0,28 cm ³

Minimum order for ALS 125 Easy Type 60 pcs (6x 10pcs.), one master-box 60x52x33cm with 17kg empty or with 25kg filled. For recycling, reshipment to ALS Schmiertechnik or special oiled recycling

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