



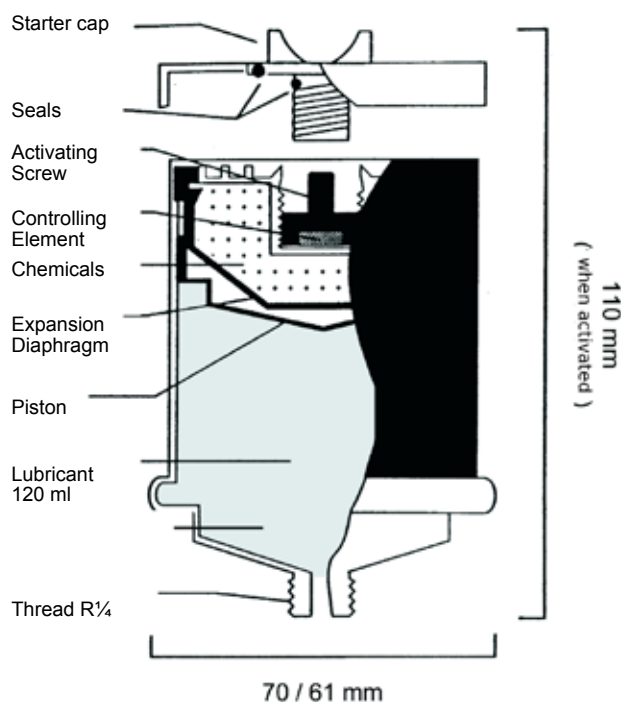
## ALS Grease Lubricator chemical

- Reliable supply of lubricant to the individual lubrication points
- Automatic, continuous discharge of lubricant
- 4 models designed to operate for a set period of time: 1 • 3 • 6 • 12 months
- Lubricant volume 120 cm<sup>3</sup>
- Powered by a chemical reaction
- Simple and troublefree operation
- Choice of standard lubricants
- Special lubricant fillings on demand
- Time and cost saving compared to manual greasing
- Works in any position

### ALS Type Grease Lubricator • chemically operated

Discharge period is indicated by the color coded starter cap (see text below) Continuous lubricant discharge	1 month 3,6 gram/day	3 months 1,2 gram/day	6 months 0,6 gram/day	12 months 0,3 gram/day
<b>Grease Lubricator with drive unit and filling</b>	<b>Ord.no.</b>	<b>Ord.no.</b>	<b>Ord.no.</b>	<b>Ord.no.</b>
Universal grease EP	<b>13239</b>	<b>13403</b>	<b>13404</b>	<b>13405</b>
High-temperature grease	<b>13240</b>	<b>13406</b>	<b>13407</b>	<b>13408</b>
Fluid grease NLGI 0	<b>13243</b>	<b>13415</b>	<b>13416</b>	<b>13417</b>
Biodegradable multi-purpose grease	<b>13247</b>	<b>13427</b>	<b>13428</b>	<b>13429</b>
Food grade grease USDA-H1	<b>13246</b>	<b>13424</b>	<b>13425</b>	<b>13426</b>
Maschine oil ISO VG 100	<b>13249</b>	<b>13433</b>	<b>13434</b>	<b>13435</b>
Chain oil ISO VG 220	<b>13250</b>	<b>13436</b>	<b>13437</b>	<b>13438</b>
<b>Grease Lubricator with special lubricant filling</b> Grease/oil extra	<b>13384</b>	<b>14112</b>	<b>14113</b>	<b>14114</b>
Mounting bracket	<b>Ord.no.</b> <b>14261</b>	Fittings and accessories on pages 18–23.		

### Functional description



The ALS Grease Lubricator is a chemically operated, automatic and highly durable single point lubricator. It is designed to be screwed into the bearing grease nipple seating, or onto an extension line, and to feed lubricant at a constant rate for a pre-set period of time. The bearing is sealed while the ALS Grease Lubricator is in use. Dust and moisture are prevented from entering the bearing. The time consuming tasks of controlling and manually lubricating are no longer necessary.

The ALS Grease Lubricator contains 120 cm<sup>3</sup> of lubricant. The lubricant is discharged in operating times of 1, 3, 6 or 12 months. Only high-quality lubricants have been selected for the ALS Grease Lubricator. In the graph above you will find a selection of our standard greases. These lubricants will cover most applications. The ALS Grease Lubricator is

activated by screwing in the colour coded plastic starter cap into the thread opening at the top of the lubricator. The color of the starting cap should match the color of the premounted activation screw. When the starter cap is screwed in, a controlling element located internally in the lubricator is forced into a reagent, contained in a neoprene expansion diaphragm. When this occurs a galvanic reaction commences, and gas is produced. The gas expands the diaphragm and as it does so, a steel piston (located between the diaphragm and the lubricant) is pushed down and the lubricant is forced into the lubricating point.

The chemical reaction is designed as to give a constant rate of reaction over the whole life of the unit. This results in a constant lubricant output. The ALS Grease Lubricator has no internal pressure prior to activation.