

LubeSite[®] Lubricator

Manual lubrication is subject to many variables. You have to set up a fixed schedule and stick to that schedule. It is easy to forget about the schedule when you are busy. When you manually lubricate your equipment you run the additional risk of applying too much or not enough lubrication. Too much lubrication will cause over heating of the bearings. Too little lubrication will make the bearings run dry. With the high cost of lube oil and high costs of repairs and labour, analysis have shown that it is possible to reduce the overall cost of operating your equipment by using automatic lubricators. A steady oil flow is applied only when the bearing drive is running and thus avoids running dry and over lubrication.

LubeSite[®] automatic lubricator is characterised by:

- NO over- or under lubrication of the bearing resulting in longer bearing life
- Cost savings both in labour and materials through longer lubricating Intervals
- Possibility to refill again with all lube oils (consistency 0...4 NLGI)
- Easy to maintain and environmental-friendly construction
- Extensive program for nearly all applications

Application areas:

- Automotive industry
- Transport and aviation
- Car wash plant
- Wastewater treatment plant
- Feedingstuff production
- Fertiliser production
- Food industry
- Dairy production
- Printing plants
- Ceramic industry
- Paper manufactures
- Textile industry
- Wood industry
- Tobacco production
- Beverage production
- Mining industry
- Oil production
- Chemical plant
- Air conditioning systems
- Conveyor systems



Adaptor



LubeSite[®] lubricators can be used for all antifriction units or floating bearings.

The consistent lubrication of the bearing can be achieved by the spring pressure and the bevelled lengthwise slotted plunger.

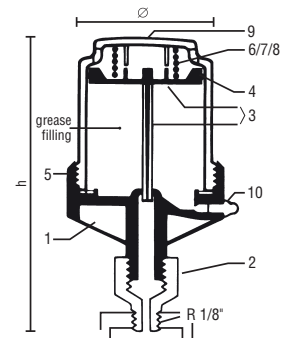
A decreasing spring pressure on the aperture results in an increase at the plunger.

Because of the low pressure (below 0,7 bar), the lubricant only flows when the bearing moves.

LubeSite[®] lubricators will help you lower your maintenance costs by replacing your manual lubrication with lubricators that can be refilled.

The refill interval depends on the application and bearing condition of each unit:

- small (Type 202, 302, 502) 3:1;
- medium (Type 205, 305, 505) 6:1;
- large (Type 260, 360, 560) 12:1.



- 1 Body
- 2 screwed plug
- 3 Plunger and rod
- 4 O-Ring
- 5 Sealing
- 6 Low spring
- 7 Medium spring
- 8 Strong spring
- 9 Clear case
- 10 Grease fitting

LubeSite® automatic refill lubricators

Light construction



LubeSite®-Series 200

LubeSite® 202, 205 and 260 within the clear-sight cages are the standard lubricators for most bearing applications.

They only supply lube oil, when the bearing is moving and therefore protect the bearing from over and under lubrication.

Units are assembled with medium sized springs. Three additional light and heavy springs are each included in a box of ten. Model 260 is delivered in a single package with additional springs (light, heavy).

Area of operation: -25...+120° C

Heavy construction



LubeSite®-Series 300

LubeSite® 302, 305 and 360 are designed for bearing housings which operate under static conditions, vibration and centrifugal forces. The strong metal castings compensate for the heavy loads.

The main application areas are eccentric presses, compactors, stone mills, construction machines, pumps, etc.

Units are delivered with medium sized springs. Three additional light and heavy springs each are included in a box of ten. Model 360 is delivered in a single package with additional springs (light, heavy).

Area of operation: -25...+120° C

For chemically aggressive media



LubeSite®-Series 500

LubeSite® 502, 505 and 560 is resistant to aggressive chemical agents. The light metal cases are made of special nickel-chrome double platens. The seals are plated with chemical resistant VITON.

The 500 series is a tried and tested product for many years in the chemical, food and nuclear industry. Units are constructed with medium springs. Three additional light and heavy springs each are included in a box of ten.

Model 560 is delivered in a single package with additional springs (light, heavy)

Area of operation: -25...+120° C

For high temperatures



LubeSite® 704

LubeSite® 704 is the only automatic lubricator on the market, that can be used in ambient and high temperature applications. The case is made of light metal, the body is made of borosilicate glass, the pressure spring is made of high quality steel and the sealing is made of temperature consistent VITON.

LubeSite® 704 is used with best results within roller mills, plants, dehumidifiers, etc. Model 704 is delivered in a single package with one additional heavy spring.

Area of operation: -25...+230° C

Technical data Lube Site® springs

For further information please visit: www.behabelt.com.



| | ■ low | ■ medium | ■ strong | ■ extra strong |
|-------------|---|----------|----------|----------------|
| Type | Spring resilience N tensioned/unstressed | | | |
| 202 | 26/13 N | 40/20 N | 54/27 N | 98/49 N |
| 205 | 30/15 N | 44/22 N | 72/36 N | 90/45 N |
| 206 | 84/42 N | 130/65 N | 140/70 N | 156/78 N |
| 302 | 26/13 N | 40/20 N | 54/27 N | 98/49 N |
| 305 | 30/15 N | 44/22 N | 72/36 N | 90/45 N |
| 360 | 84/42 N | 130/65 N | 140/70 N | 156/78 N |
| 302 | 26/13 N | 40/20 N | 54/27 N | 98/49 N |
| 305 | 30/15 N | 44/22 N | 72/36 N | 90/45 N |
| 360 | 84/42 N | 130/65 N | 140/70 N | 156/78 N |
| 704 | — | 80/40 N | 158/79 N | — |