



Automatic Lubricating systems

The solution to lubricate the rotating equipment without create a stress on the grease.
Ideal for equipment in continuous processes or equipment with access lubrication points, which are not easy to reach.



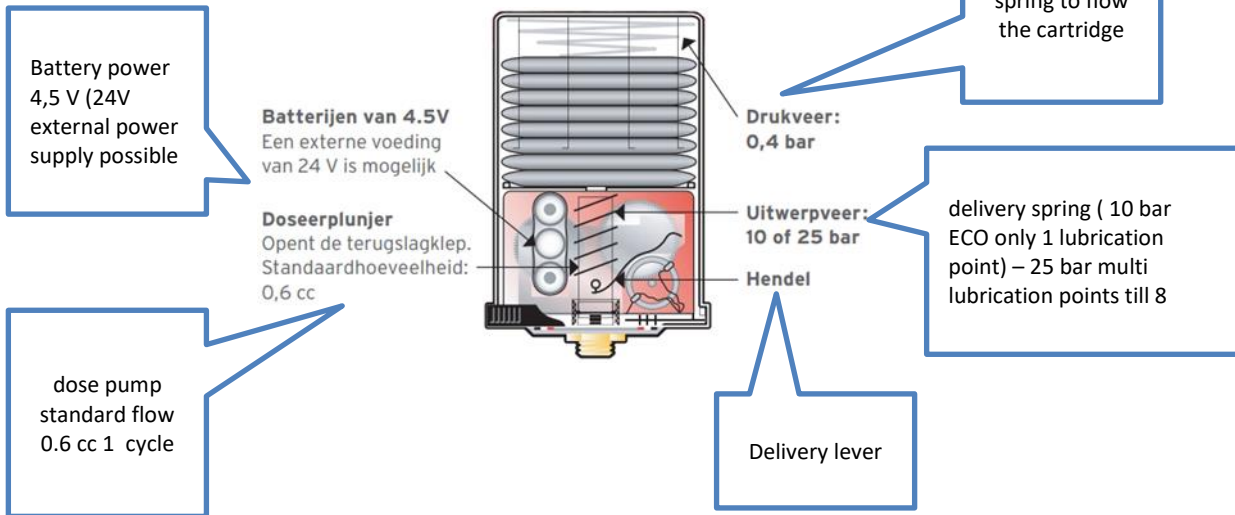
Automatic greases have a positive contribution on the operational costs, in case :

- 24/7 process.
- Grease actions by intermitted production process.
- In case of compact build equipment or installation without human supervision.
- Specify installations, whereas extreme wear will be created by lubrication under the limit. Or where as too much lubrication can lead to incorrect working and re-calibration actions.

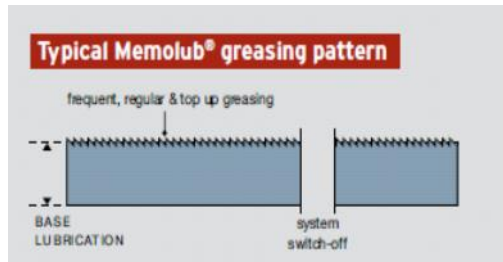
Characteristics automation lubrication systems:

- Equal and regular amount of grease to the lubrication points.
- The amount of grease that is offered will only experience a force (25 bar) at the moment of transport.
- No Bleeding of extreme altering of the grease.
- The adjusted grease amount is not changing by the environment temperature
- Till 8 lubrication points possible by the just of distribution blocks and splitters.
- Flexible position of the lubricating unit, due till 8 meter op the lubrication point.
- Available versions: battery (4.5V) operated, and external power supply- even Pulse operation suitable for plc operation .
- Grease level clear visible from the outside.

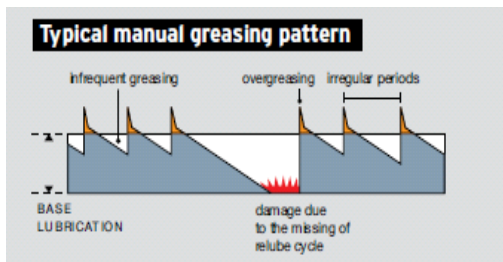
The Lubrication unit:



Manual vs Automatic greasing:



By manual Lubrication the process starts always with over lubrication on the lubrication points. This amount will be used till the next manual greasing supply action. Is the action in time than is the lubrication secured, if not we find border- lubrication of even metal –to metal contact.



Key question: What is the exact correct time to the grease supply action? There will be always external factors present like way of operation and environment factors like temperature and human actions

In the case of an automatic greaser- small amounts of grease will offer to the lubrication point on a regular short time base. The lubrication point will experience a more equally grease supply.



The lubrication unit can be installed on easy accessible place and the lubricating point can be on less accessible place.



Example: Installation in hot sandy country on the fan bearings of a refrigeration condenser.