



The automatic lubricator
that gets straight
to the point



DOSApoint[®]

Single-point lubricator with cartridge

VOGEL[®]

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HYDRAULIK · PNEUMATIK

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Why use a DOSApoint® ?

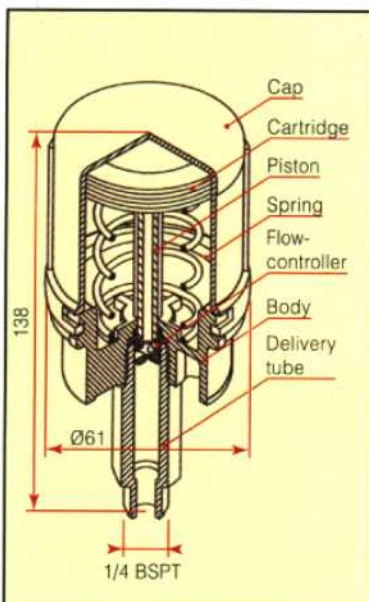


Increasing production rates are imposing greater stresses on machinery. Cost savings accrue with the correct maintenance of all wear parts.

Infrequently lubricated bearings can fail prematurely and contribute to unplanned breakdowns, resulting in lost production and sometimes expensive maintenance.

The DOSApoint® individual grease dispenser has been designed to supply all lubrication points automatically and continuously, resulting in less machine breakdowns and lower maintenance costs.

DOSApoint® operation



1- The stainless steel spring pushes the piston up.

2- The bistable cartridge is compressed by the piston.

3- The grease flows out through the piston bore according to the need of the lubrication point.

4- Flow-controllers enable a better regulation of the flow.

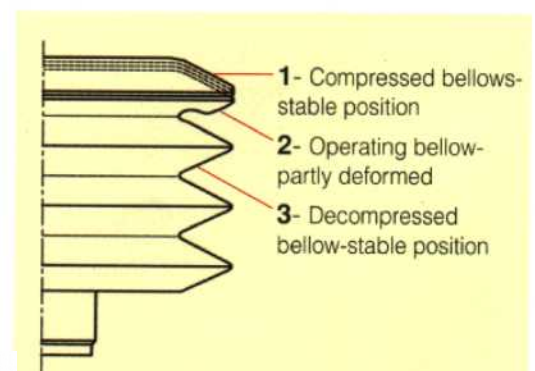
- **BLUE** : Slow discharge
- **WHITE** : Medium discharge
- **RED** : Fast discharge

The DOSApoint® is ready to work,
whatever the outside
conditions are.

What is the Bistable system ?

The flow-controller restricts the potential full force of the spring.

The shape of the bellows was specially designed to create the bistable characteristic, which allows maximum flattening of the cartridge and contributes to flow regulation.



Prevention : ideal to lubricate isolated or inaccessible points on a machine, so that there are fewer bearing failures. DOSApoin[®] is entirely translucent, allowing a visible check on performance.

Dosing : the regulation system is based upon simple and trusted mechanic and hydraulic principles (no gas generation where volume varies as temperature changes). The DOSApoin[®] injects only the volume required.

Orientation : the design allows it to work in any position and to isolate the lubricant totally from the environment.

Innovation : the DOSApoin[®] is fitted with a grease cartridge which makes it easy and quick to refill. In fact you only need a few seconds and no tool to install it or change the cartridge.

Environment : the DOSApoin[®] consists of recyclable parts. But, as the DOSApoin[®] stays on the machine after mounting, there is only the cartridge in polypropylene that will be recycled in accordance with the regulation in force.

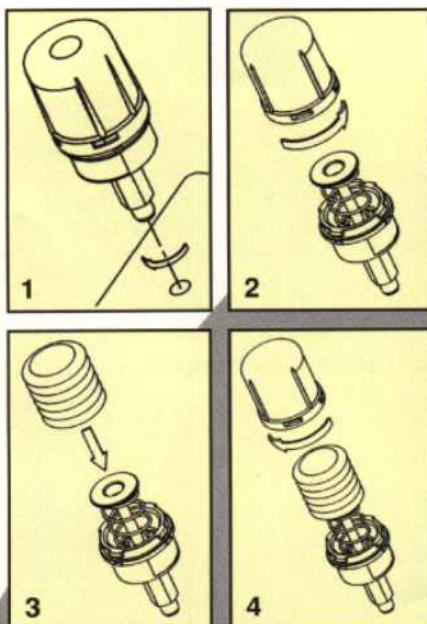


Possible use

The DOSApoin[®] can be used on any bearing or moving part :

- that needs grease regularly,
- that is moving or hardly accessible,
- that cannot be connected with a centralised lubrication system.

Easy setting



1- Screw manually the DOSApoin[®] on the bearing entry (after the bearing has initially been filled with a grease gun).

2- Unscrew the translucent cap.

3- Insert the grease cartridge on the piston.

4- Re-conn

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Applications

Food industry
Car industry
Building industry
Quarries
Cement industry
Wood industry
Chemical industry
Petroleum industry
Metallurgical industry
Paper industry
Printing
Iron and steel industry
Mining...

Technical features

- Cartridge content 80 cc
- Use temperature -20 up to +70°C
- Connection 1/4 BSPT MALE
- Transversal chock resistance 30 G
- Weight (including grease) ≈190 g

User advice

Our company has been designing and manufacturing centralised greasing systems since 1931, this knowledge has allowed us to select high-performance greases from specialised laboratories.

They are suitable for most of DOSApoint® applications, with optimum performances.

Cartridges ref.	Grease	Body agent	Basis	Grade NLGI	Use temperature
LUB.EP2.DP.2	High-pressure, high protection against wearing away	Li	MIN.	2	- 20 + 140
LUB.EP0.DP.2	High-pressure, high protection against wearing away	Li	MIN.	0	- 20 + 120
LUB.FOOD.DP.2	For food-processing material (Norm FDA 178.3570)	Complex -Al	MIN.	1 - 2	- 20 + 150
LUB.BIO.DP.2	Biodegradable high-pressure	Li - Ca	SYN.	2	- 20 + 100

DOSApoint® are provided with 3 flow-controllers. They are fitted with a medium flow-controller (white) which corresponds to most applications. If you use the red controller, the flow speed will be doubled, if you use the blue one, it will be divided in two. Because grease viscosity depends on temperature, you may choose the proper flow-controller according to the following chart.

Temperature	Grade NLGI		
	0	1	2
-20 up to +5°C	Blue	White	Red
5 up to 40°C	Blue	White	White
40 up to 70°C		Blue	White

No gas, no battery
it protects
the environment



Real size

DOSApoint® Accessories

- Connection elbows and straight unions
- Mounting bracket
- Reduction fittings

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