

## SLR LOBE ROTOR PUMP FOR PUMPING CHOCOLATE



It is a flushing assembly in a lobe rotor pump, but the standart lip seal of the flushing is replaced for a PTFE lip seal that can stand the pressure.

A greaser pressurises the flushing system with a food grade grease (USDA H1 approved). Thus the friction faces of the mechanical seal work with a clean grease and not with chocolate (that is an extremely abrasive and caramelising product).

This option is available for all the range of the SLR pumps.

The supplement of the greaser uncludes a SiC/SiC mechanical seal, Viton® gaskets and connections.

For the application of pumping chocolate it is recommended to install a frontal heating jacket and also a heating jacket to the mechanical seals. The heating chamber is included into the supplement of the flushing for supports 2, 3, 4 and 5.

Supports 0 and 1 use only one greaser for both mechanical seals, but supports 2,3,4 (and 5) have one greaser for every mechanical seal.

It is necessary to remember that while pumping chocolate with the SLR pump the working speed of the lobe rotor pump must be lower then 100rpm.

The maximum working differential pressure of the SLR pump with the greaser option is 4/9 bar, because the greaser system can work at up to 5 bar and must be higher than the working pressure.

PUMP	CODE (5bar)	CODE (10bar)
SLR 0	5LGCG0	5LGCG0A
SLR 1	5LGCG1	5LGCG1A
SLR 2	5LGCG2	5LGCG2A
SLR 3	5LGCG3	5LGCG3A
SLR 4	5LGCG4	5LGCG4A

## AUTOMATIC GREASER

This automatic greaser is a precision lubricator because of its electromechanical drive unit.

A small motor pushes the piston, which gives the grease into the installed system.

The flow grease can be regulated from 1 to 12 months, depending on the particular request of the system to be lubricated.

After setting the desired discharge period and size of the LC-unit, the lubricator can be screwed into the lubrication point. To activate it, turn the switch on the cover from "OFF" to "ON". The greaser will immediately build up pressure up to 5 or 10 bar depending on the option.

You will always be able to check the functioning mode of the lubricator by looking at the LED display. The red/green blinking lights indicate the status of the greaser. The drive is reusable, but the battery pack must be exchanged every time the LC-unit is changed.



## GREASE REGULATION

Switch position		dip switch "Volume"	
dip switch "TIME"		1 month	8.33c.c/day
		3 months	2.78c.c/day
		6 months	1.39c.c/day
		12 months	0.69c.c/day

## GREASE TYPE

It is supplied with the food grade grease type Kluber PARALIQ-GA351

## CHARACTERISTICS

TANK	DIMENSIONS	CAPACITY	T <sup>a</sup>	MAX.WORK.PRESSURE	CONNECTION
Transparent plastic	Ø71mm x 215mm	250 c.c.	-10°C +50°C	5 bar/10bar	1/4" Gas

## ASSEMBLING AND START-UP

- .Verify that application point is clean.
- .Fill the connection piping with compatible grease.
- .Screw the greaser to the system.
- .Set the desired discharge period and size of the LC-unit.
- .Turn the switch on the cover from "OFF" to "ON".
- .The Greaser will not work under temperatures of lower than -10°C or higher than +50°C (due to the incorporated electronic devices).
- .The greaser tank is rejectable when the grease is finished.

