

FAQ Klübermatic

General Questions:

What does LC stand for?

LC = Lubricant Canister

Where can I find the recent marketing material regarding Klübermatic?

KLICK ([link will be added soon](#))

Which systems does Klüber Lubrication offer to the customers and what are the differences?

Electrochemical system		Electromechanical Systems	
FLEX	Standard "ready to go" system Settings: 1-12 month	STAR VARIO	Settings from 1 week – 36 month possible Battery powered Indicates functions with LED (green/red) No lubricant bleeding Constant pressure from day 1 to the end
NOVA	= FLEX +Temperature sensor + Settings via LCD screen + reusable control unit	STAR CONTROL	Settings from 1 week – 36 month possible Power connection via cable /PLC PLC connection possible Indicates functions with LED (green/red) No lubricant bleeding Constant pressure from day 1 to the end
		PRO	Multi Point lubrication system up to 6 lub points (further explanation please see: KLICK)

What is the difference between electrochemical and mechanical systems?

Electrochemical system: Pressure is generated via electrochemical reaction. The pressure leads to increased lubricant bleeding over time. Lubricants need to be tested in real time test (12 month)

Electromechanical systems: Pressure is applied just when needed and just for a very short period, so the lubricant bleeding is reduced to a minimum

What is the MoQ for SC3 products?

All SC3 products are based on the smallest package size available (mostly 1L/1kg) to get a first estimation of the MoQ of products based in 1kg you need to calculate the volume of 1kg by using the density. Afterwards it is possible to get the quantity of dispenser you get from 1kg.

Does KL sell dispensers of 60 cc?

Yes – FLEX 60 and STAR 60

Are there any Value Case Studies?

KLICK ([link will be added soon](#))

Is there any mounting example available?

Yes. KLICK ([link will be added soon](#))

Where do I find the current accessory portfolio?

KLICK (link will be added soon)

What does “on demand” mean in the accessory catalogue?

If there is a significant customer demand and/or the part is necessary to win a customer please contact Daniel.kurth@klueber.com, explain the reasons and a workflow will be started

For electrochemical system, what is the pipe length?

Maximum length of the pipe is 1m

For electromechanical systems, what is the maximum length of pipe?

Maximum 3 m

For the PRO maximum is 5m per outlet

Are there any minimum diameters with pipes?

Minimum inner diameter 6 mm for greases/oil in single point

Minimum inner diameter 5mm for PRO system

Minimum inner diameter 4 mm for oil (just in ECOSY Systems)

What is the maximum pressure resistance of the tubes?

Max 15 bar (single point)

Max 50 bar (Multi point)

Where do I find our current lubricant product portfolio?

KLICK (link will be added soon)

The product I want to promote is not in our current portfolio, can I offer it?

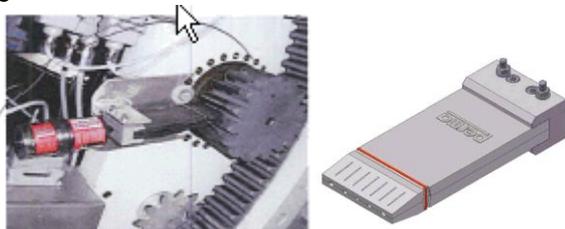
No, if the product is not in our portfolio in general you can't offer it to your customers. A test for a new grease will last 12 month in real time test. Nevertheless If you need the product in an electromechanical system (like STAR, PRO) please send a request to Daniel.kurth@klueber.com. He will check if the product is possible.

Can we lubricate multiple points with a single point system and a y-connection?

No, because the lubricant always follows a preferential way

How can we easily lubricate a gear drive?

With this component called Open Gear Lubrication: Article 8384350001 and must be used on slow gears with an adhesive lubricant.



There is also the Lubrication pocket for open gear drives available.

KM Lubrication pocket for open gear lubrication

838284



*custom made to your specification. Please provide: module, no. of teeth, radius (mm) and width of gear (mm)

I want to make an offer for KM what is the most important?

In general there are two ways to get results for KM. It is important to know:

- What kind of grease is used so far
- What is the current lubrication interval
- What is the current lubrication quantity per interval
- RPM (if possible)

The customer is complaining about the price level, how can I respond?

In general it is important to understand, that Klüber is selling the grease first. The competition for small automatic lubrication systems like Klübermatic mostly concentrates on selling cheap dispensers. There are no competitors that offer knowledge in lubricants in combination with automatic lubrication systems like Klüber.

In general it can be said that the system Klüber differentiates the most from the competition is the STAR System (STAR competition and USPs can be found in [KLICK](#))

Is it possible to stop Klübermatic and change the length of distribution?

Yes for FLEX, NOVA, VARIO and CONTROL. For Electrochemical Systems it should not be stopped more than 2 times. It is not possible to disassemble the device!

What are the packaging equivalent codes?

Device	Filling quantity	Old Article (VKE)	SAP
FLEX	30	2922	0358
	60	0921	0273
	125	0920	0313
STAR	60	0914	0314
	120	0915	0164
	250	0916	0211
NOVA	125	2636	0165
PRO	250	0262	0353
	500	0263	0354

Which applications should be avoided?

Self-aligning bearings because grease volumes are very low and the grease output is very difficult. If necessary use a dispenser with 60ccm set to at least 12 months.



Are the systems refillable?

No – The LC for NOVA, STAR and PRO can be exchanged but we can't refill the LC. Only perma is able to fill LC -> it has to be 100% bubble free, we need to avoid mixing of lubricants

FLEX System

If the pipes are clogged, is there any risk of explosion for FLEX

No, it's the setting plate cover that pops to release pressure.



NOVA System

Why NOVA has 125 ml for a dispenser of 130 ccm?

The description "Klüberoil 4 UH1-150 N [125ml]" shows the filling quantity.

The description the "Cartridge NOVA (130 ccm)" shows the physical volume of the cartridge itself.

The reason for this was a change in legal requirements on first of January 2015

What is the control unit from the NOVA System?

The complete NOVA system contains two parts, the dispenser itself and the control unit. The control unit is necessary for all settings and is reusable.

Is there any battery for the NOVA system?

No – the battery is part of the LC. No need for a separate battery.

STAR system

What's happen if there's a pressure increase of STAR?

The electronic system of drive calculates the elevation of intensity of the motor which triggers overpressure detection.

What is the difference between the old STAR CONTROL versions?

STAR CONTROL Time: Time controlled device. Volume distributed to 100 hours of running machine: 0.26 cc per distribution

STAR CONTROL Impulse: Controlled by the SPS – SPS gives an impulse to lubricate

The STAR CONTROL 2.0 replaces the old version STAR CONTROL IMPULSE and STAR CONTROL TIME. Both modes (Time/Impulse) can be set directly via the LCD setting screen on the device

Can we change a cartridge in operation?

Yes, this is possible. Do not forget to make a reset

How to set a STAR CONTROL (Generation 1)?

Make all settings through the control board

There is a backup battery inside

Which is the lifetime of the backup battery of STAR CONTROL (Generation 1)?

6 years

Is there a forced mode on the STAR system?

Yes, a purge mode, press > 10 s the SET button and the system does three distributions of 2.11 cc

What happens if there is an overpressure?

Default layout => red LED flashing

If there is an electronic failure, the engine can continue to increase the pressure and cause a crack on the plastic rim of the cartridge

What happens if someone removes or changes the cartridge of STAR CONTROL during running for any reason? What about the running cycle? Do you have a procedure of start-up ?

If you remove or change the cartridge and you do not remove the cable, the system proceed with his running cycle with the new cartridge installed.

If you remove and connect the cable, the system resets itself and restarts the running cycle from the start. If you change the program before you reattach the control cable, the system will start with the new program after changing the LC

What is the advantage of Impulse mode?

If the machine is stopping, the SPS won't send an impulse to lubricate. This is an advantage e.g. if the production stops overnight and there is no lubrication required.

How to protect exterior engine of a STAR CONTROL?

Use appropriate plastic cover (Article XXXXXXXX) and the elbow adapter cable (XXXXXX)



Can STAR VARIO 2.0 be protected with a pin code?

Yes, a PIN between 0 and 99 is possible.

What are the meanings of the display indications OL - Ut - Ev?

OL = Over load- excess of energy absorption

Ut = temperature <-20 ° C

Ev = factory return

Why the diameter of the support bracket for STAR has changed?



The reason for the change was to prevent water from entering the gap between support flange and dispenser. So now there is no need for the sealing anymore

PRO system

What is the minimum tube diameter and pressure resistance for PRO?

Mini 5 mm - black - Maxi 50 bar

What is made the complete system Klübermatic PRO C-MP 6?

All Information can be found in [KLICK \(LINK\)](#)

What is the difference between PRO-MP6 and PRO LINE?

Pro LINE: Every outlet can be set individually

PRO MP6: Every outlet gives the same amount of lubricant per purge

Can we download parts plan / CAD drawings?

Yes directly from PERMA website (<http://www.perma-tec.com/fr/raccords/reducteurs/>)



Réducteur G1/4e x G1/8i

Matériel: Laiton

Art. No.: 104834

- Plan (PDF)
- Plan 2D (DXF)
- Plan 3D (STP)

What is the “base” system for PRO?

Base system contains the drive, the distributor, the mounting plate, the connection cable between distributor and drive and the accessories you need for the distributor side.

In addition you need: The protection cap (250/500ccm), the lubricant canister (the container for our grease), tubes and accessories for the lub-point side

Do we sell Klübermatic PRO C-MP 2?

No, we do not have MP-2 in our range because we made the decision years ago to go only with MP-6 due to the marginal price difference of 50 € between MP-6 and MP-2.

Any further questions?

Please do not hesitate to contact Daniel Kurth (Daniel.kurth@klueber.com) This FAQ will be updated frequently