



Always the right lubricant amount with
Single Point Lubricators





Interflon Single Point Lubricators (ISPL)

Advantages of automatic lubrication with ISPL	3
Interflon Single Point Lubricator – the lubrication expert	4/5
Interflon Single Point Lubricator 15 ml	6
Interflon Single Point Lubricator filling set	7
Interflon x simatec App "simatec world of maintenance"	8
Interflon IMPULSE connect	9
Suitable Interflon lubricants	10
Accessories	11

Continuous lubrication ensures low costs and high reliability

Interflon Single Point Lubricators (ISPL) are used worldwide in every industry. They are the best and most economical solution for the continuous supply of grease or oil for periods of up to one year.

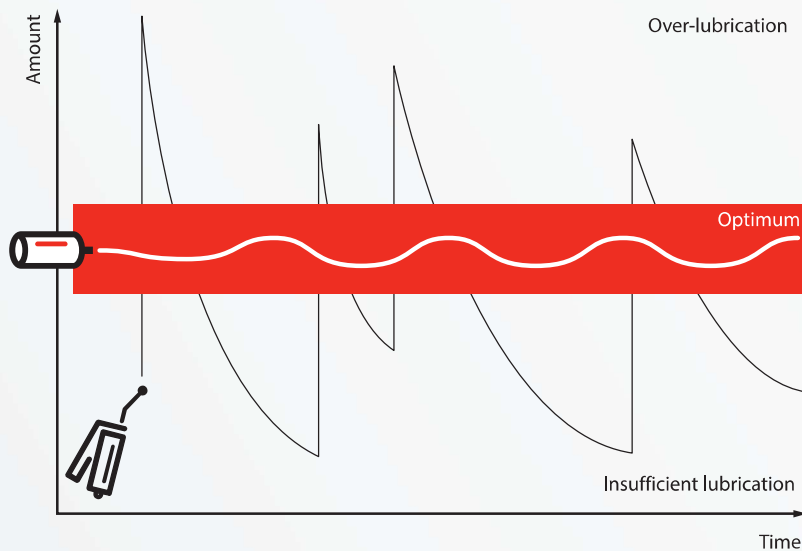
ISPL – everywhere forces act, something spins or something moves.



Advantages of automatic lubrication with Interflon Single Point Lubricators

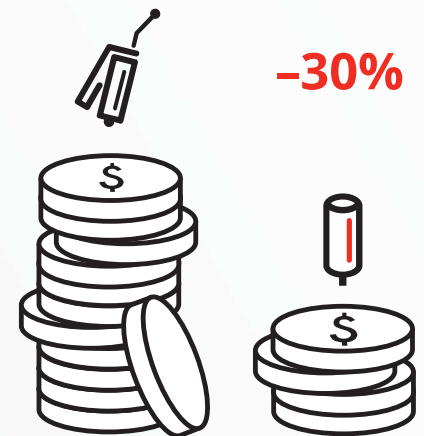
Interflon Single Point Lubricators replace costly manual lubrication. This not only saves time, but also prevents insufficient or over-lubrication. The costs can thus be reduced by up to 30 percent.

Optimised lubricant delivery



Continuous lubricant delivery with ISPL effectively prevents insufficient or over-lubrication that often occurs with manual lubrication.

Lower costs thanks to ISPL



Up to 30 percent lower costs:

- Time-saving and greater safety at work thanks to fewer maintenance intervals
- Longer machine service life and less unplanned down-time

Your benefits of automatic lubrication with Interflon Single Point Lubricators



No more manual lubrication

- Saves time
- Greater work safety
- Hard-to-reach lubrication points are permanently supplied
- Lower lubricant consumption



No under- or over-lubrication of components

- Less wear
- Less machine downtime
- Increased machine performance



Sealed, dustproof and waterproof system

- No more confusion of lubricants
- Reduced risk of contamination
- No contamination of lubrication points



Compliance with international standards

- Ex certified in all zones
- Improved workplace safety
- No environmental impact thanks to recycling and disposal according to regulations



Interflon Single Point Lubricator – the expert for automatic lubrication

Available in 5 sizes, supplies various lubrication points with lubricant around the clock.
Day in, day out – for up to one year.

Take advantage of the ISPL benefits

Reliability

- Lubrication points are continuously supplied with lubricant
- No lubrication point is missed
- Easy monitoring of the dispensing process thanks to the transparent housing

Environmental sustainability

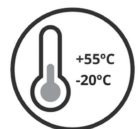
- ISPL can be refilled up to 3 times
- Easy disposal at the end of the dispensing cycle
- ISPL do not contain toxic substances

Flexibility

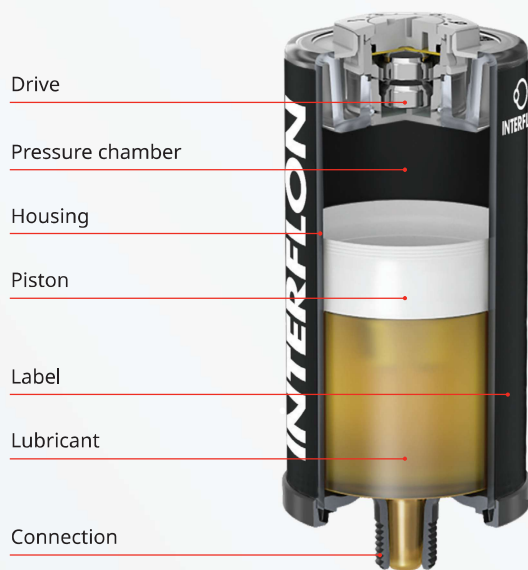
- ISPL are available in 5 sizes: 15, 30, 60, 125 and 250 ml
- Freely selectable dispensing cycle of 1 to 12 months
- Dispensing cycle can be modified anytime
- ISPL is available filled or empty for self-filling

Unlimited range of uses

- In confined and hard-to-reach spaces
- In any location, even underwater
- At ambient temperatures of –20 °C to +55 °C
- Numerous installation options thanks to a large range of accessories
- The standard lubricant range includes modern and proven high-performance lubricants for all applications (see pages 10)



Components



Certifications



Specifications

Product	Automatic long-term grease and oil lubricator			
Power generation	Hydrogen gas producing drycell			
Working pressure	Max. 5 bar			
Adjustment	Stepless 1–12 months (for standard conditions)			
Operating temperature	–20 °C to +55 °C ambient temperature			
Storage temperature	Recommended at 20 °C ±5 °C			
Lubricator volume	30 ml	60 ml	125 ml	250 ml
Weight full	~83 g	~117 g	~191 g	~380 g
Weight empty	~56 g	~65 g	~80 g	~154 g
Refill	The 15–250 ml ISPL are refillable with the Interflon Single Point lubricator filling set.			



ISPL 250 ml



ISPL 125 ml



ISPL 60 ml



ISPL 30 ml

Interflon Single Point Lubricator 15 ml

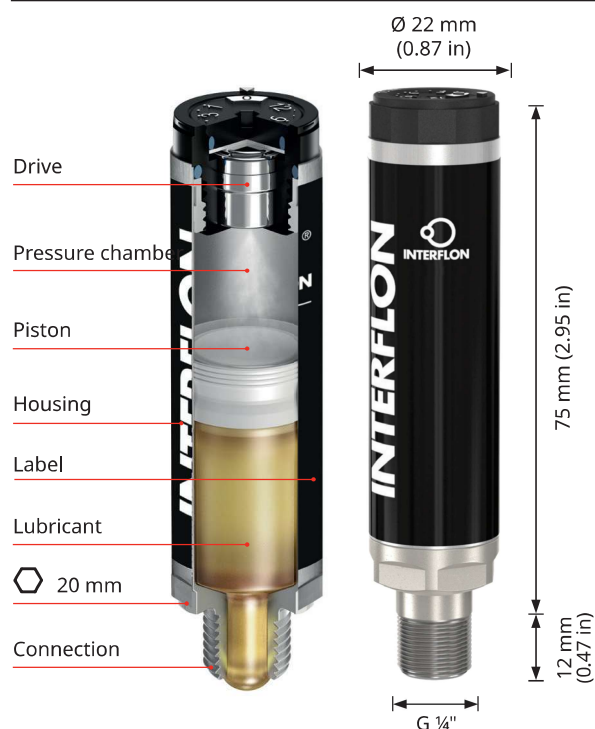
The smallest automatic lubricator

In confined spaces, the 15 ml Interflon Single Point Lubricator offers the perfect solution. With its compact size, it is unique on the global market as the smallest automatic lubricator. It functions the same as the larger ISPL and offers the same advantages.

Small size delivers big performance

- Space-saving thanks to compact size
- Robust aluminium enclosure
- Same refill, installation and function as other Interflon lubricators

Dimensions



Specifications

Product	Automatic, long-term grease and oil lubricator
Power generation	Hydrogen gas producing drycell
Working pressure	Max. 5 bar
Adjustment	Stepless 1-12 months (for standard conditions)
Operating temperature	-20 °C to +55 °C ambient temperature
Storage temperature	Recommended at 20 °C $\pm$ 5 °C
Lubricator volume	15 ml
Weight full/empty	~36 g / ~22,5 g
Certifications	   

Interflon Single Point Lubricator filling set

Fast and clean filling or refilling of the ISPL

Filling or refilling single-point lubricators can be a time-consuming and messy task. Interflon Single Point Lubricators, combined with the Interflon Single Point Lubricator filling set, enable a swift, clean, and controlled process, making this an easy task. The filling set consists of a complete set including torque wrench.

Advantages

- Clean, safe, exact and fast filling or refilling
- Fills a 125 ml Single Point Lubricator in four strokes
- Filling from a Interflon Lube-Shuttle grease cartridge
- Including torque wrench, always the right tightening torque of the activator
- Filling according to the Interflon Single Point Lubricator instruction
- No loss of grease and no pollution
- Saves time and cleaning
- Easy to re-use filling set and auxiliary equipment (one-time purchase)
- Torque at 15 ml is 0.8 Nm, and torque at 30 / 60 / 125 / 250 ml is between 1.5 and 2 Nm
- Always adjust the torque wrench to zero after use



An instruction video can be found at:

<https://interflon.com/gb/products/interflon-single-point-lubricator-filling-set>

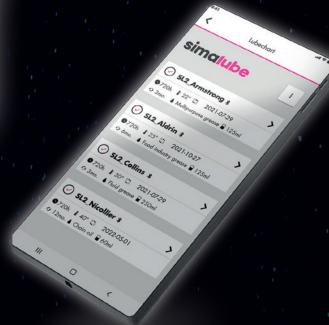




READY TO LIFT OFF TO THE WORLD OF MAINTENANCE



Explore the next level of automatic lubrication:
Interflon IMPULSE connect



Interflon x simatec app «*simatec world of maintenance*»

With the simatec app «*simatec world of maintenance*», a platform has been created for simpler and more efficient management of lubrication work. The app offers the user the options of recording lubrication points, recording the required parameters for lubrication and controlling or monitoring all activities related to lubrication.

Your personal assistant for efficient and connected monitoring

Functionality

- Configuration and monitoring of lubrication points with the «*simatec world of maintenance*» app
- Creation of electronic lubrication schedules (Lubechart)
- Calculation programme for the correct setting of your lubricators (Calculation Pro)



Customer benefits

- ISPL products can be controlled with the «*simatec world of maintenance*» app
- Creation of personalised, electronic lubrication plans with continuous monitoring of all lubrication points
- Thanks to the new Lubechart feature, all lubrication points (manual/automatic) can be managed
- Cost savings thanks to safe, simplified and efficient maintenance operations
- Installation videos help with the correct installation of the products
- No production interruptions for maintenance and monitoring purposes, resulting in higher availability of the production facilities



Get the app
«*simatec world of maintenance*»

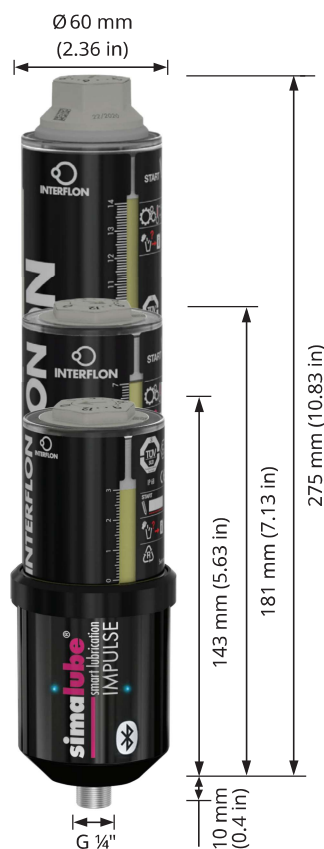


Interflon IMPULSE connect



Digital pressure booster up to 10 bar

The Interflon IMPULSE connect is the latest generation of the pressure booster from the ISPL family. The proven functions of the IMPULSE have been supplemented with the option of connecting the device to a smartphone via Bluetooth®. In connection with the newly developed «*simatec world of maintenance*» app, the devices can be easily configured and then monitored without having to be directly at the lubrication point. Information such as general status, fill level, lubricant, size, start and change date etc. is displayed to the user and easy to read in the app.



Technical data

Product	Automatic pressure booster for the ISPL
Drive system	Electromechanical
Power supply	Battery pack* 6 V 2.3 Ah (Alkaline)
Function display	LED status display – green/red/blue every 10 seconds. Monitoring of the operating status via the « <i>simatec world of maintenance</i> » app.
Connectivity**	IMPULSE connect supports Bluetooth® Low Energy 5.0 standard. The connection can reach up to 20 m in an interference free open field environment.
Dispensing volume	0.5 ml per stroke (Impulse)
Working pressure	Up to 10 bar
Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Time setting	1 to 12 months – determined by the setting on the ISPL « <i>Automatic</i> » mode or the « <i>Time</i> » mode preselected with the app.
Lubrication rate	Depends on the size and settings of the ISPL: 0.17 to 8.3 ml/day
Lubricator volume	60 ml, 125 ml, 250 ml
Lubricant	Lubricant greases up to NLGI 2 or oils
Connection thread	G 1/4" (with integrated non-return valve)
Warranty & period of use	3 years from the production date or until 10 ISPL (125 ml) have been emptied
Protection rating	CE IP 68

* The battery pack must be replaced every time the lubricator is replaced.

** The IMPULSE connect can be used without the app.



More technical information and a video for Interflon IMPULSE connect can be found at:
<https://interflon.com/gb/products/interflon-impulse-connect>



Most popular Interflon greases and oils for use in ISPL

Greases	NSF	NLGI	Thickener	Temperature range	Viscosity at 40 °C	Roller bearings	Plain bearings / pin-bush connection	Linear guides	Open gears / Toothed racks	Spindles	Chains
											
Interflon Grease HD2 Heavy duty grease	-	2	Calcium sulfonate complex	-25 °C to 160 °C	200	+	+	•	•	-	-
Interflon Grease MP1 Very adhesive grease for long-life lubrication	H2	1	Lithium complex	-30 °C to 145 °C	185	+	+	+	•	•	-
Interflon Grease LS1/2 Extreme pressure grease with high water resistance	-	1.5	Lithium-Calcium	-20 °C to 120 °C	550	+	+	•	•	-	-
Interflon Grease LS2 Extreme pressure, low-speed grease with high water resistance	-	2	Lithium-Calcium	-10 °C to 120 °C	1000	+	+	-	+	-	-
Interflon Grease OG Grease for heavy loaded open gears	-	0	Lithium-Calcium complex	-10 °C to 120 °C	800	-	+	+	+	-	-
Interflon Food Grease 1 Multi-purpose grease for the food industry	H1	1	Aluminium complex	-20 °C to 150 °C	400	+	+	•	•	•	-
Interflon Grease MP2/3 Multi-purpose heavy duty grease	-	2-3	Lithium complex	-30 °C to 145 °C	220	+	+	•	•	•	-

Oils	NSF	ISO-VG	Base oil	Temperature range	Viscosity at 40 °C	Roller bearings	Plain bearings	Linear guides	Gears / Toothed racks	Spindles	Chains
											
Interflon Food Lube AL Dry-film lubricant for the food industry	H1	22	Vegetable oils, synthetic oils	-20 °C to 180 °C	22	-	-	+	-	-	+
Interflon Food Lube G100 Heavy duty, multi-purpose CLP oil	H1	100	Mineral oils, synthetic oils	-10 °C to 100 °C	100	-	-	+	+	+	+
Interflon Food Lube G150 Heavy duty, multi-purpose CLP oil	H1	150	Mineral oils, synthetic oils	-10 °C to 100 °C	150	-	-	+	+	•	+
Interflon Food Lube G220 Heavy duty, multi-purpose CLP oil	H1	220	Mineral oils, synthetic oils	-10 °C to 100 °C	220	-	-	+	+	•	+
Interflon Lube PN46 Top-of-the line pneumatic and universal high-load oil	-	46	Mineral oils	-20 °C to 80 °C	46	-	-	+	-	+	+

+ recommended • possible - not recommended

This is only an excerpt from our lubricant range:

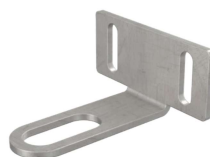
Always check the OEM guidelines, operating conditions and working environment for correct application choice. To guarantee compatibility with your preferred lubricant, please contact your Technical Advisor.



Accessories for many different applications



Flat brush
40 × 23 mm with side connection
for the food industry
Art.nr. 7584



Universal mounting bracket
made of stainless steel
Art.nr. 7540



Interflon Thread Tester
for easy identification of grease
nipple screw thread and to advise
the correct adapter
Art.nr. 7198



Interflon bracket SPL L shape
made of stainless steel
Art.nr. 7582



Non-return valve
made of plastic
Art.nr. 7211



Interflon bracket SPL Z shape
made of stainless steel
Art.nr. 7583



Battery pack
Interflon Impulse
Art.nr. 7215

The products and specifications listed on this page are subject to change and may be expanded. Please contact us for the latest specifications.

Interflon Single Point Lubricator

			<i>Art.nr.</i>
15ml		filled Grease MP1	7629
		filled Food Lube G220	7608
		filled Food Grease 1	7614
		filled Food Grease EP	7623
30ml		filled Grease LS2	7615
		filled Grease HD2	7617
		filled Grease MP1	7630
		filled Food Lube G220	7611
60ml		filled Grease LS2	7616
		filled Grease HD2	7618
		filled Grease MP1	7631
		filled Food Grease 1	7625
125ml		filled Grease HD2	7619
		filled Grease LS1/2	7622
		filled Grease MP1	7632
		filled Food Lube G220	7601
		filled Food Lube LT	7609
		filled Food Lube AL	7610
		filled Food Grease LT2	7621
		filled Food Grease HD2	7624
250ml		filled FoodLube G150	7626
		filled Food Grease EP	7628
		filled Grease MP1	7633
		filled Food Lube AL	7627



Do you have special requirements or do you need different accessories?
Our Technical Advisors will be happy to help you!





- > **50 countries**
- > **100.000 customers**
- > **40 years of experience**

Learn more

More information about Interflon, our products and solutions as well as news await you on our website.



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