

# MANUAL

## ATF602



**[www.lube1.swiss](http://www.lube1.swiss)**

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## INTRODUCTION

### General information



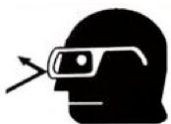
**THIS MANUAL IS AN INTEGRAL PART OF THE MACHINE.  
IT MUST BE READ AND UNDERSTOOD BY THE USER.  
NO LIABILITY IS ACCEPTED FOR DAMAGE CAUSED BY NON-COMPLIANCE WITH THESE  
INSTRUCTIONS OR THE APPLICABLE SAFETY REGULATIONS.**



**CAUTION:** Follow the instructions to prevent injury or damage.



**TIP:** Provides more information on how to use the device and tips on how to use it efficiently.





Appropriate protective clothing must be worn for all work on the system described.

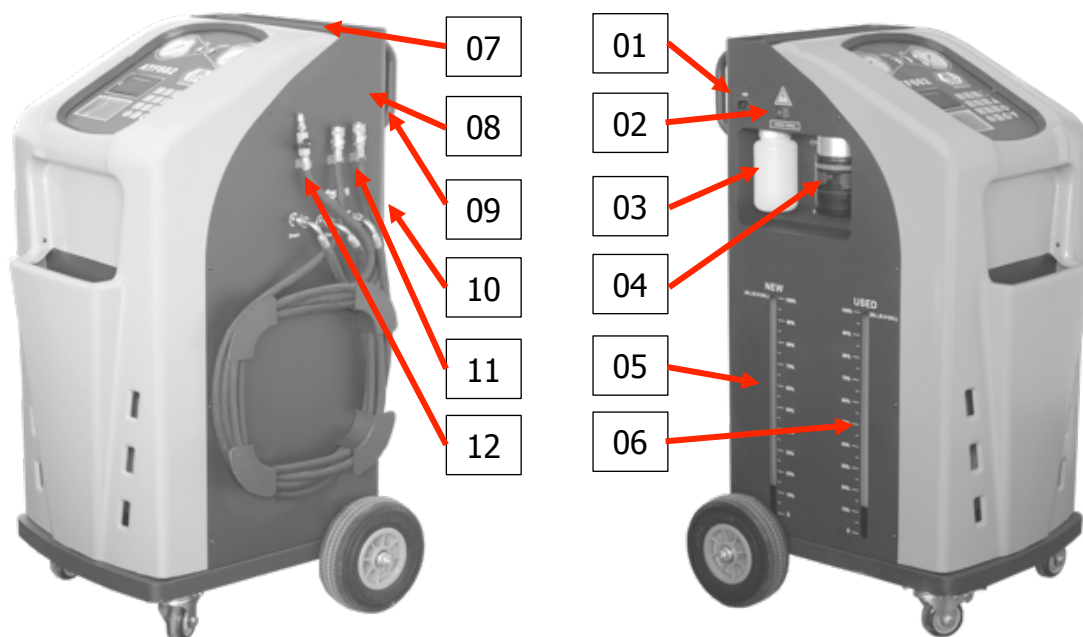
### Type plate:



Enter all information about the machine in the following fields.  
It is forbidden to remove the nameplate from the machine.

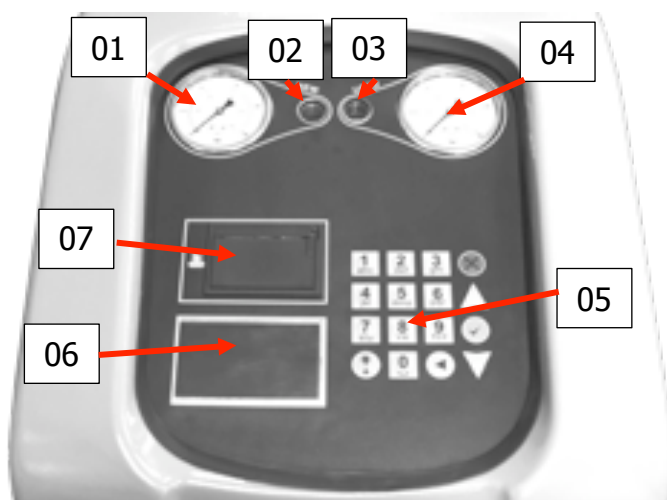
		<b>ATH-Heinl GmbH &amp; Co.KG</b> <small>Kauerhoferstr. 2 - 92237 Sulzbach-Rosenberg - GERMANY</small>		
Typ Type		Volt		
Ph		Hz		
Serien # Serial #		Amp.		
Baujahr Year of built		kW		
Assembly in China implemented by ATH Co. Ltd. Shanghai				

## Description of the machine



01	Electrical connection	07	Drip tray
02	Main switch	08	Filler neck for NEW oil (rear)
03	Bottle for gear cleaner	09	Handholds
04	Filter	10	Service cover (rear)
05	Level indicator NEW oil tank (NEW)	11	Two connection hoses
06	Level indicator USED-Oil Tank (USED)	12	Emptying hose

## Description of the control panel



01	Manometer filling side
02	Sight glass filling side
03	Sight glass return side
04	Manometer return side
05	Keyboard
06	Display
07	Printer

## Technical Data

Automatic flow direction detection	
Dimension	635 x 585 x 1.075 mm
Power supply	AC220V 50Hz / 110V 60Hz
Power	200W
Length of maintenance hoses	3.000 mm
Length of emptying hose	1.000 mm
Capacity new and waste oil tank	20 L
Measuring range of the scales	40 kg
Changeover accuracy	±100 ml
Capacity detergent bottle	500 ml
TFT / LCD colour display	105,5 x 67,2 mm; 480 x 272 Dots; RGB
Pressure measuring range	0~150psi (1-10Bar)

## Dimension drawing



## INSTALLATION

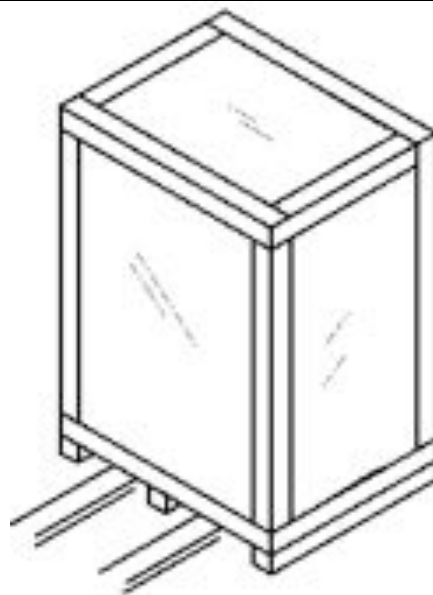
The machine should only be installed by authorised personnel in accordance with the instructions.

### Transport & Storage Conditions

For transport and positioning of the machine, always use suitable stop, lifting or floor conveyor equipment and pay attention to the centre of gravity of the machine.

The machine should only be transported in its original packaging.

Data:	
Width mm	630
Length mm	700
Hight mm	1230
Storage temperature	-25 bis +55 °C



### Unpacking the machine



Remove the top cover of the carton and ensure that no damage has been caused during transport.

Remove the locking bolt to remove the machine from the pallet.

To lift the machine off the pallet, use a suitable lifting device (possibly with a rope).

The packaging material used for the machine should be kept in a safe place.

Keep the packaging material out of the reach of children as it can be a source of danger.

## Location

The machine should be kept away from flammable and explosive materials, sunlight and intense light. The machine should also be installed in a well ventilated place.

The machine should be operated on any concreted or similarly hard floor.

When selecting the place of installation, the guidelines and instructions of the accident prevention regulations and the workplace ordinance must be observed in addition to the floor condition.

The machine may only be used inside enclosed spaces. It has no corresponding safety equipment (e.g. IP protection, galvanised version, etc.).

Temperatur	4-40 °C
Humidity	50% at 40°C – 90% at 20 °C

# OPERATION OF THE MACHINE

## Manual

### ATF602

#### *Risks for people and the environment*



Read all service procedures and precautions, installation and operating instructions thoroughly. Failure to observe these precautions or improper use of the equipment may result in property damage, injury or death. Never allow untrained personnel to perform these procedures or operate the equipment.

#### *Protective measures and rules of conduct*

- Before using the ATF602, read and understand the instruction manual.
- Do not smoke in the vicinity of the unit while it is in operation.
- Never use the unit near sources of heat or fire.
- Do not expose to direct sunlight or rain and use only in well-ventilated areas.
- Always switch off the unit after use.
- Keep the hoses away from rotating and hot elements such as fans, radiators, etc. during use.
- Car exhaust gases contain various toxic and harmful gases (e.g. carbon monoxide, hydrocarbons, nitrogen oxides, etc.). While the device is in operation, it is essential to wear protective goggles, protective mask and protective clothing.
- To avoid injury, keep away from hot elements such as the exhaust pipe and radiator.
- When disconnecting the pipe connection of the oil line system, wrap a suitable cloth around the connection to prevent the transmission fluid from splashing out.
- Children should stay away from the unit while it is in operation.
- To prevent damage due to improper operation, the operator should be very familiar with the automatic transmission gear shifting system.
- The device must always be in the normal and intended standing position.
- An oil change should always be carried out by appropriately trained personnel. The quality of the automatic transmission oil used must comply with the manufacturer's specifications. ATH-Heinl GmbH & Co.KG or Lube1 accepts no responsibility for direct or indirect damage caused by incorrect operation.

#### *Behaviour in the event of faults*

- Any defects found must be reported immediately to the responsible person.

#### *First Aid*



- In the event of an accident, remember not only to rescue the injured person and provide first aid, but also to secure the scene of the accident.
- Report any accident immediately to the person responsible.

**Notruf:**

#### *Maintenance, disposal*

- Repairs may only be carried out by the manufacturer's customer service department or by trained personell.



## Basic informations

THE MACHINE MAY ONLY BE OPERATED BY PERSONS OVER 18 YEARS OF AGE WHO HAVE UNDERGONE SPECIALIST TRAINING AND INSTRUCTION.



THE MACHINE MAY ONLY BE USED FOR ITS INTENDED PURPOSE.

IN ORDER TO MAINTAIN THE GEAR UNIT PROPERLY, APPROPRIATE ACCESSORIES (E.G. SPECIAL ADAPTER) MUST BE USED IF NECESSARY.

ALWAYS USE THE PRESCRIBED MATERIAL, E.G. SUITABLE OILS OR CORRECT RINSING AGENT.

BEFORE ASSEMBLY OR DISASSEMBLY, CHECK ALL COMPONENTS; THEY MUST NOT SHOW ANY SIGNS OF DAMAGE.

DURING OPERATION YOU SHOULD ALWAYS PAY ATTENTION TO DANGERS. AS SOON AS DANGERS OCCUR, SWITCH OFF THE MACHINE IMMEDIATELY AND REMOVE THE MAINS PLUG. THEN CONTACT YOUR DEALER.

	<p>OPERATING THE ATF602 AND SERVICING THE AUTOMATIC TRANSMISSION OF THE VEHICLE REQUIRES A HIGH LEVEL OF ATTENTION.</p>
	<p>INCORRECT OPERATION OR EXPERT IGNORANCE CAN LEAD TO DAMAGE TO VEHICLES OR INJURY TO THE OPERATOR.</p>

ALL WARNING SIGNS MUST ALWAYS BE LEGIBLE. IN THE EVENT OF DAMAGE, THEY MUST BE REPLACED IMMEDIATELY.

## General information about automatic oil change

The transmission oil within an automatic transmission should be completely replaced at regular intervals, as otherwise a perfect functioning of the transmission can no longer be guaranteed (recommendation every 80'000 -120'000 km). In the previous oil change procedure, only the oil in the oil pan of the automatic transmission was changed. This was usually 3 litres to a maximum of 5 litres and this does not correspond to the complete change of the entire oil filling quantity of the transmission. Due to the design or the omission of the drain plug from the converter including the oil cooler, a considerable amount of old ATF oil remained in the transmission system, which led to mixing of the new ATF oil with the dirty and used old ATF oil, as well as deposits and abrasion particles in the system. The ATF602 can flush the gearbox, torque converter and radiator and perform a complete oil change within a short time. The oil exchange rate is almost 100%.



WITH THE ATF602, THE OIL LEVEL OF THE AUTOMATIC TRANSMISSION CANNOT BE CHECKED. THE VEHICLE MANUFACTURER'S INSTRUCTIONS AND INSTRUCTIONS MUST BE OBSERVED.

## Function table

Main functions	Flush	Flush/clean the AT gear system. Flushing can only be carried out when the AT gear unit is switched on. (Motor must run for this process)
	Change	Replaces the waste oil from the AT gearbox with new oil.
	Level correction	Add or drain oil from the AT gearbox
	Emptying	Emptying the old and new oil tanks
Settings	Calibration	Calibration of scales for old and new oil tanks
	Language	Language selection
	Indication of weight	Input of the empty weight of the new and waste oil tanks
	Unit	Selection of metric (kg) or British units (lb)
	Diagnosis	Direct control of the solenoid valves and the internal oil pump to test the system

## **EXECUTION of an automatic transmission oil change**

### **Preparation and implementation**

1. Enter vehicle in Oilfinder WWW.LUBE1.SWISS to determine oil quantity and exact oil type
2. Check the temperature and OEM method of oil level control in the diagnostic device (riser pipe, level control screw or dipstick)
3. Make a warm-up and cleaning run
4. Connect the machine to the gearbox or oil cooling lines using appropriate adapters
5. Fill the fresh oil tank with oil (oil quantity according to Oilfinder plus 3-5 litres)
6. Type in oil change quantity in the unit (dry filling quantity + at least 1.5 litres for lines and cooler and 2-4 litres for old or heavily loaded gearboxes)
7. Start car engine and check connections for leaks
8. Check used oil in the sight glass and if it is very dark adjust and increase the change quantity again
9. Start the ATF602 machine, the exchange procedure starts now
10. Check the oil level at the correct oil temperature after completion of the change procedure and correct it if necessary via the ADJUST menu. Add or remove oil until the level is correct
11. Remove the adapters and restore the original condition of the oil lines
12. Pump out the waste oil tank of the ATF602 into the waste oil barrel via the DRAIN menu
13. Test drive and hold each gear manually for 2-3 seconds

### **Change oil types, change oil in device**

1. Empty fresh oil tank via the DRAIN menu, Drain Fresh Oil Tank
2. Add a new type of oil to the fresh oil tank
3. Hold the front service hose in the waste oil barrel with an open adapter (e.g. no. 59)
4. Correct via ADJUST menu, add 0.5 L, Enter
5. Hold rear service hose with open adapter (e.g. no. 59) in waste oil barrel
6. Correct via ADJUST menu, add 0.3 L, Enter

All pipes, pump and hoses are now oiled to the new oil grade.

## **TIPPS and Lube1 Recommendations for older vehicles / transmissions**

### **1st tip Vehicles with high mileage**

For vehicles with a mileage of 150,000 km or more and if the lighting lamp in the waste oil sight glass on the device is no longer visible there is a lot of abrasion in the used oil. In this case it is worth emptying the entire oil pan before the oil change procedure and refilling it with fresh oil (via the device). Then this amount of oil is already 100% exchanged.

Proceed as follows:

Switch off the engine!

Place bucket with litre marking under oil sump. Open the drain plug of the oil pan and let the used oil run into the provided bucket. (Again possibility for a visual check of the oil).

Read off the quantity of oil that has been omitted and add the same quantity of fresh oil +0.5 L via the ADJUST menu (the 0.5L also ensures that there is never any underfilling).

When the process is completed, the actual oil change can be started. The quantity already exchanged via the oil pan needs to be subtracted from the total quantity initially intended for the oil exchange.

### **2nd tip Gear unit with heavy wear / dirt**

For best results, increase the exchange amount of oil in heavily contaminated oils by 2-4 litres right from the start.

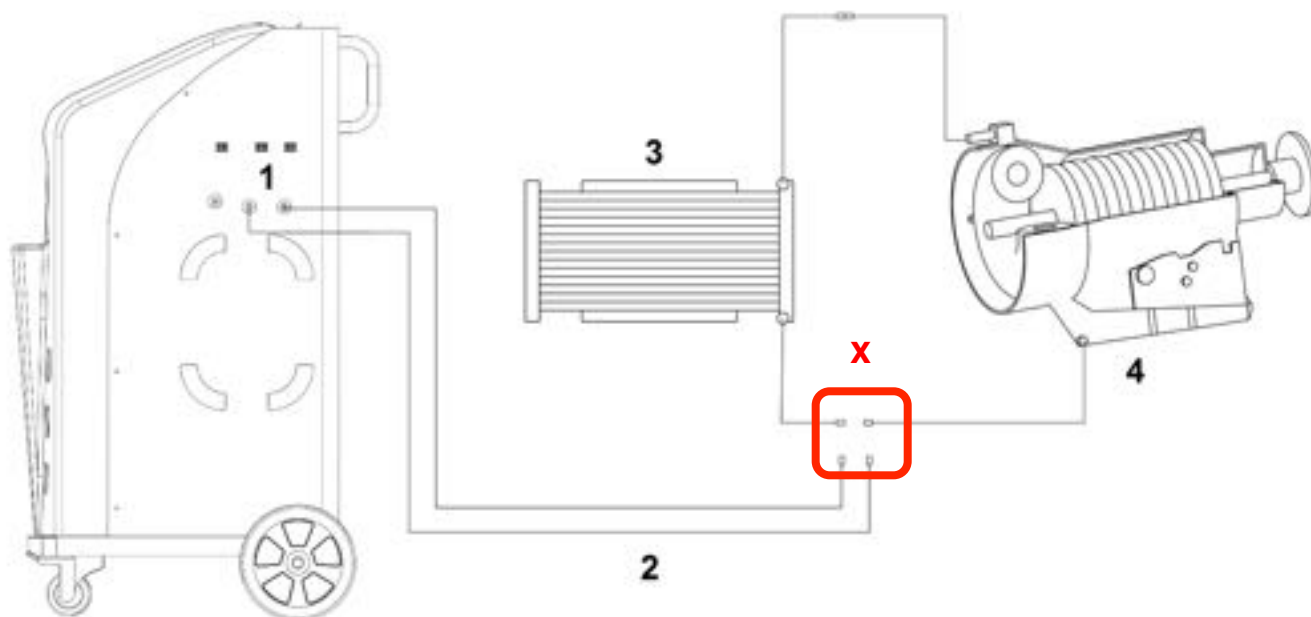
Example: Total oil quantity incl. line and cooler 12 litres. Adding 2-4 litres results in a total change quantity of 14-16 litres.

**WITH THESE TWO RECOMMENDATIONS YOU GET THE BEST POSSIBLE RESULTS WITH THE SMALLEST POSSIBLE AMOUNT OF FRESH OIL.**

## **PROCEDURE Filter change on the machine**

**RECOMMENDATION:** Change the internal oil filter of the machine after approx. 10 oil changes. This ensures that the used oil cannot cause any damage to the machine. Dirty oil can damage the solenoid valve 1 and the pump of the ATF602.

## CONNECTION scheme machine to automatic transmission






Pic.3

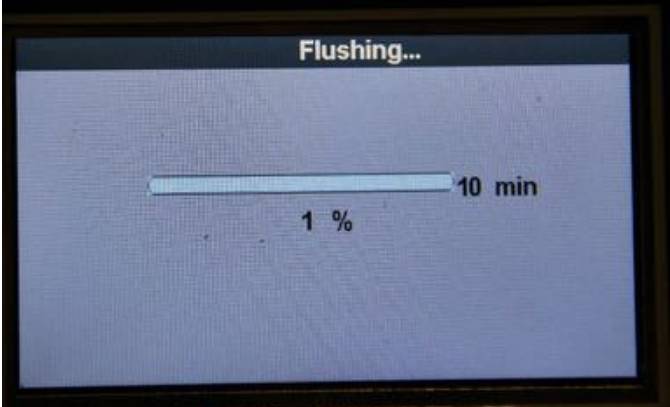
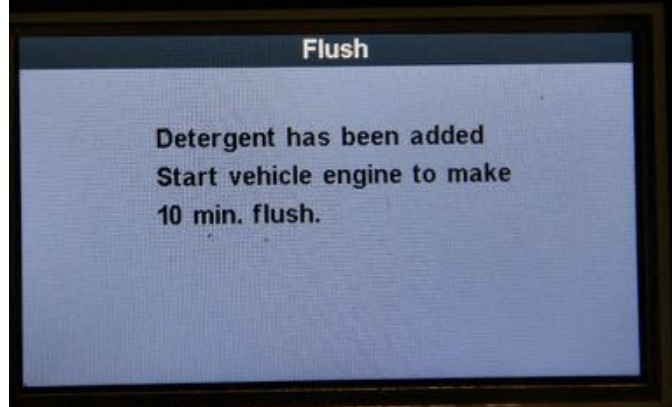
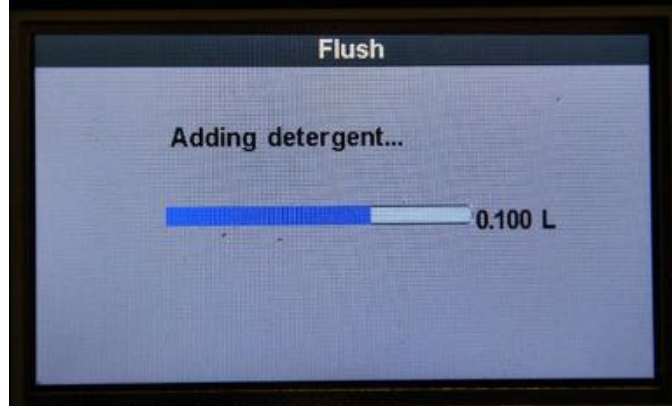
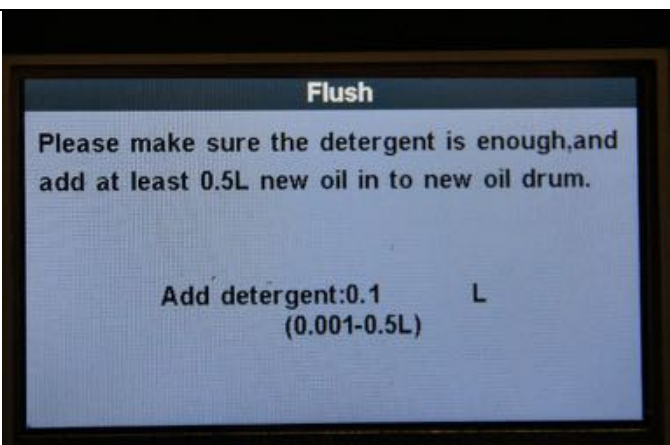
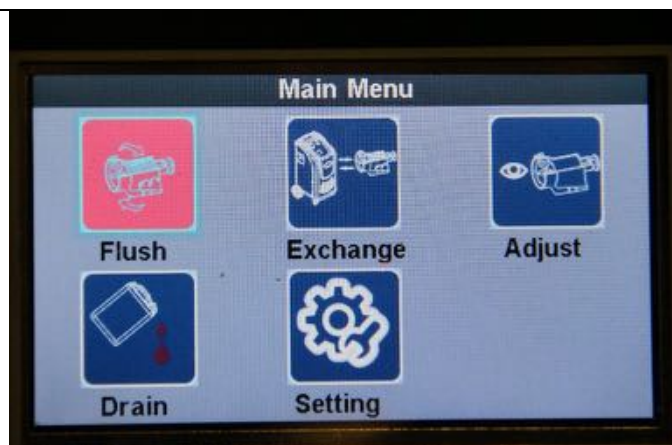
1	ATF602	3	Automatic Gear Box Cooler
2	Hoses to gear box	4	Automatic Gear Box
X	Special adapters may be required. (See adapter list on <a href="http://www.lube1.swiss">www.lube1.swiss</a> )		



PLEASE NOTE IF NECESSARY THE NECESSARY OIL TEMPERATURE DURING THE CHANGE

## Flush before oil change

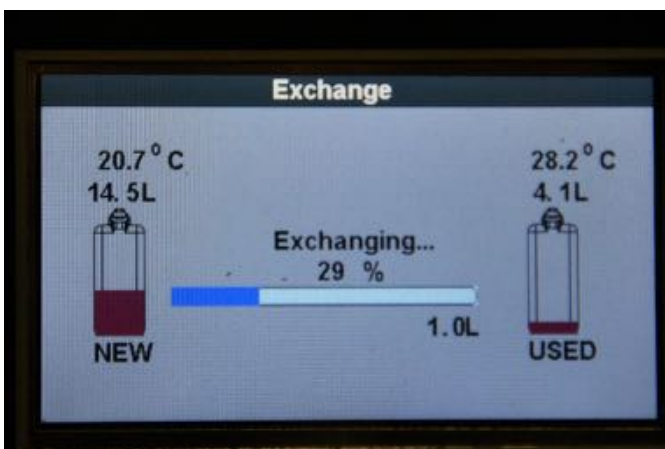
	FOR THIS, FILL THE RINSING/CLEANING AGENT INTO THE GEARBOX USING THE DEVICE OR THE SYRINGE AND THEN GO ON A CLEANING TRIP OF APPROX. 15 MIN. DURING THIS DRIVE MANUALLY SHIFT ALL GEARS SEVERAL TIMES ALSO REVERSE GEAR.
	THE INSTRUCTIONS OF THE VEHICLE MANUFACTURER AND THOSE OF THE RINSING/CLEANING AGENT OF THE MANUFACTURER MUST BE STRICTLY OBSERVED!
	WHEN CHANGING THE AT-GEAR OIL CORRECTLY, THE AUTOMATIC OIL QUANTITY ACCORDING TO OILFINDER MUST BE ADDED WITH APPROX. 2 TO 3 LITRES OF ADDITIONAL OIL FOR PIPES AND COOLERS.



SHIFT THE GEARBOX SEVERAL TIMES  
DURING RINSING.



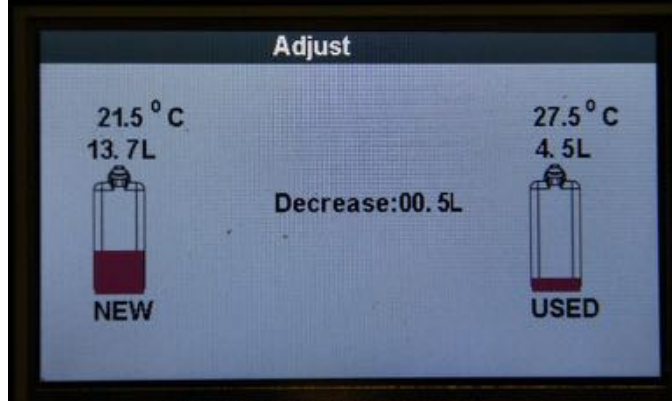




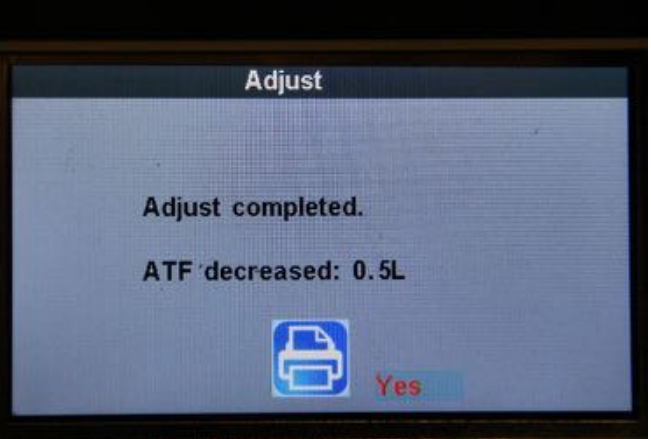
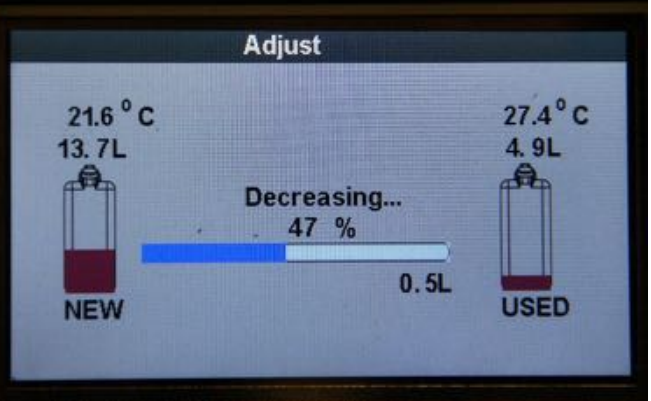
## Correct filling level (drain oil)



DURING THE PROCESS, THE CAR'S ENGINE MUST BE RUNNING.  
THE OPERATOR MUST BE IN THE CAR.  
MAKE ABSOLUTELY SURE THAT IF THE VEHICLE GIVES AN ERROR MESSAGE DURING THIS PROCESS, SWITCH OFF THE ENGINE IMMEDIATELY.





**Warning:** Take care not to underfill the transmission  
Take out max 0.5 Liter and check Level again!




**SWITCH OFF THE ENGINE IMMEDIATELY  
AFTER THE OPERATION.**



	AFTER THE PROCESS IT IS RECOMMENDED TO CHANGE THE GEAR OIL FILTER.
	WHEN CHANGING THE FILTER, AN ADDITIONAL QUANTITY OF OIL MAY BE REMOVED FROM THE GEARBOX. THIS QUANTITY MUST BE TAKEN INTO ACCOUNT WHEN REFILLING.

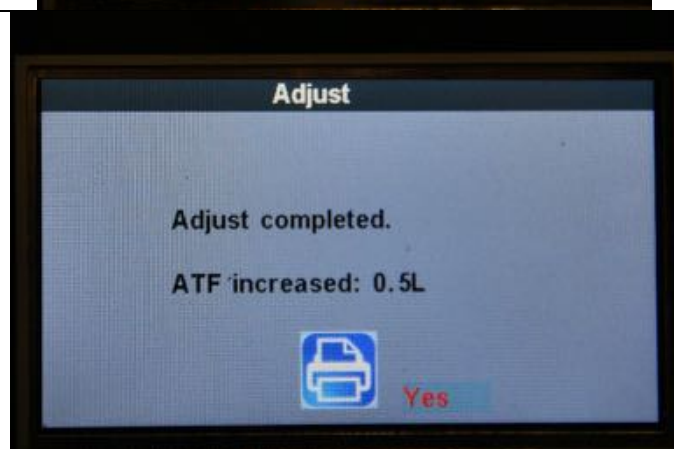
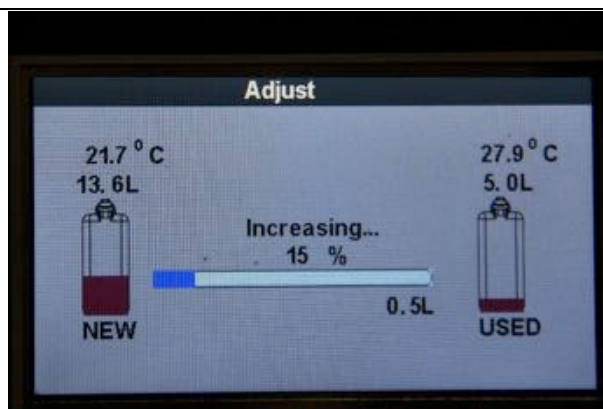
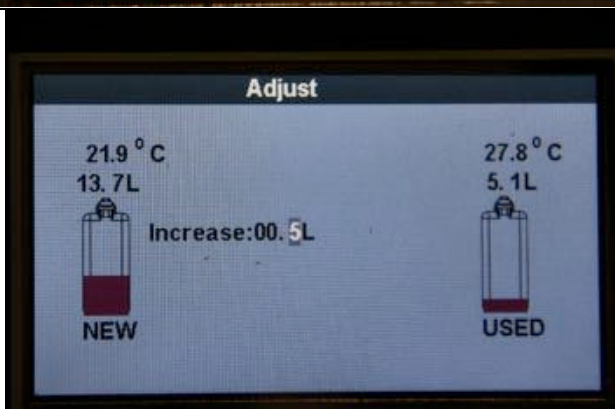
### Correct filling level (add oil) after gearbox filter change

	ENTER TOTAL OIL QUANTITY (OIL DRAINED + QUANTITY FROM OIL PAN if necessary) (E.G. 4 LITRES COULD BE DRAINED, 1 LITRE WAS STILL IN THE OIL SUMP, 5 LITRES HAVE TO BE ADDED AGAIN) AT THE END OF THE TEST IT IS MANDATORY TO CHECK THE OIL LEVEL AND CORRECT IT USING THE DEVICE IF NECESSARY.
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Fill level control is mostly while the engine is running and at the temperature specified by the manufacturer. (Can be seen in the car manual or in the diagnostic unit).

Either via riser pipe, measuring rod or level control screw.

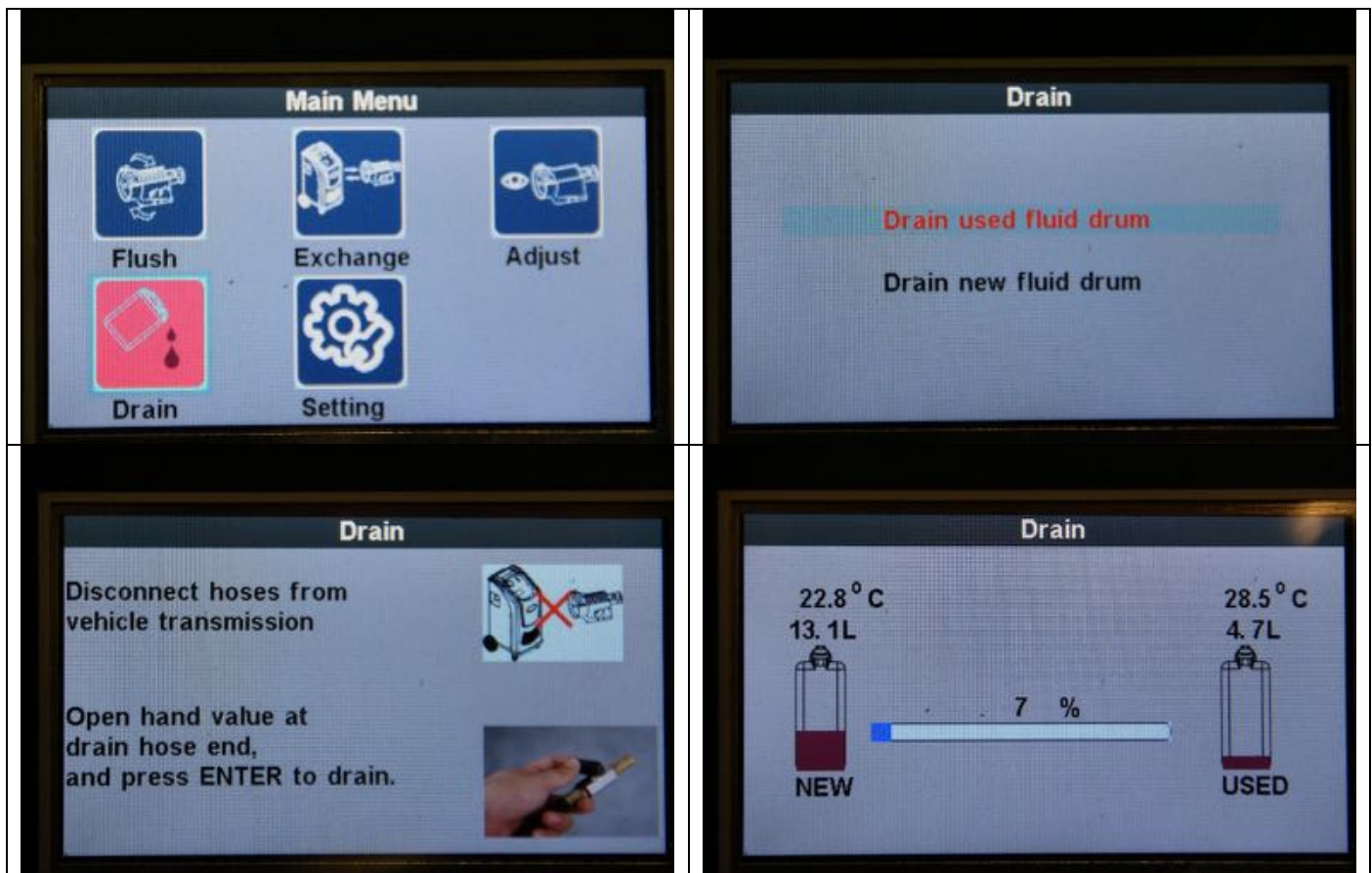
Via the menu level correction add oil as long as necessary or if necessary also suck off oil until the level is correct.





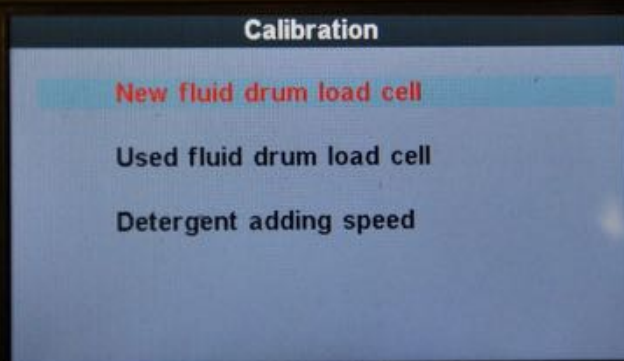
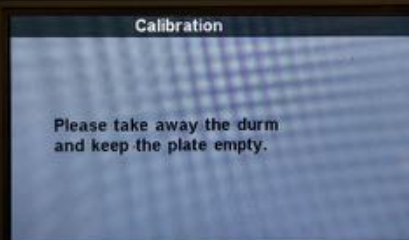
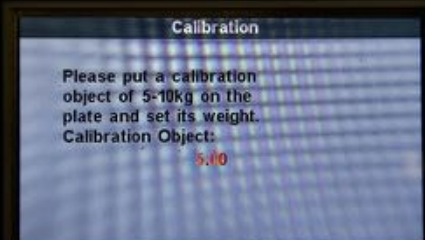
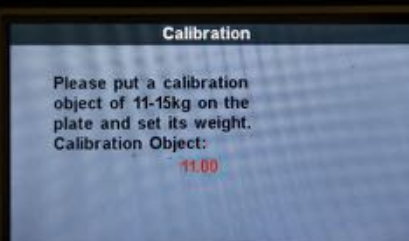
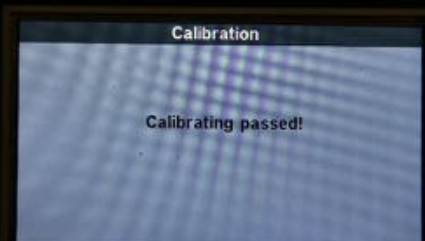
## Completion of the oil change

- Switch off engine
- Disconnect the device from the adaption, remove the adapter and restore the original connection on the gear unit.
- Start engine and check for leaks.
- Go on test drive

## Emptying (recommendation after each service)

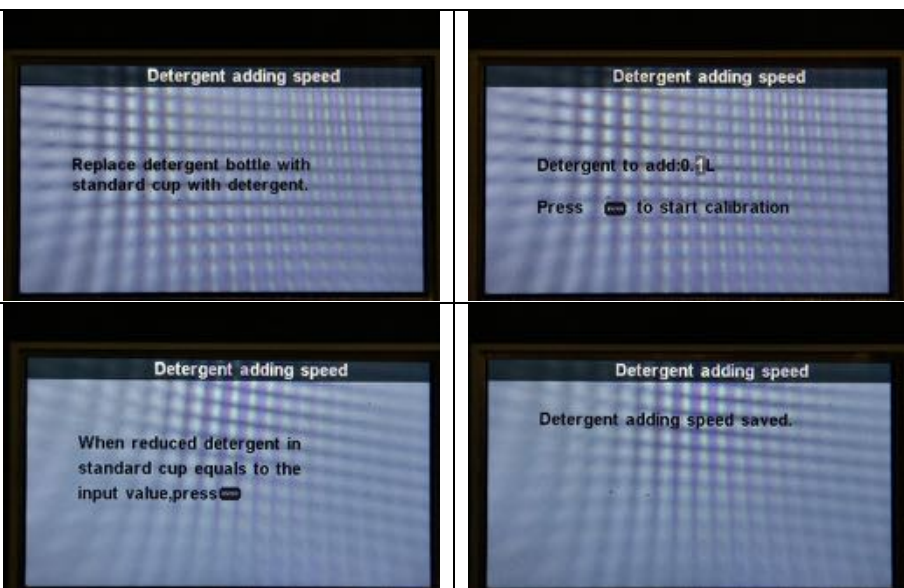


## System settings / Calibration

 <p><b>Main Menu</b></p> <p>Flush Exchange Adjust</p> <p>Drain Setting</p>		
 <p><b>System Setting</b></p> <p>Calibration Language Weight Set</p> <p>Component</p>	 <p><b>Calibration</b></p> <p>New fluid drum load cell</p> <p>Used fluid drum load cell</p> <p>Detergent adding speed</p>	
<p>Calibration of the weigh for new and used oil tanks. Enter and confirm the appropriate weight using the keypad. First a weight between 5 and 10 kg, then a weight between 11 and 15 kg.</p>	 <p><b>Calibration</b></p> <p>Please take away the drum and keep the plate empty.</p>	 <p><b>Calibration</b></p> <p>Please put a calibration object of 5-10kg on the plate and set its weight. Calibration Object: 5.00</p>
	 <p><b>Calibration</b></p> <p>Please put a calibration object of 11-15kg on the plate and set its weight. Calibration Object: 11.00</p>	 <p><b>Calibration</b></p> <p>Calibrating passed!</p>



Adjustment of the amount of flushing detergent. Always use the following for flushing  
Art. No. LUB-95001 Transmission Flush.



**Note on the calibration of the flushing agent bottle:**

Since the container for detergent is not suspended from a scale, but the detergent is entered into the gear unit over a previously defined time, this time must be defined. Calibration is done by letting the device draw a quantity of detergent, say 100ml, and observing the container. As soon as the 100ml have been drawn in, confirm this by pressing the green button and stop the time it took to draw in the 100ml. The controller uses this time to calculate the time required for other quantities.

If you notice during the calibration that extremely little detergent is drawn in, fill the detergent container with gear oil and start the calibration again... now open the tap for emptying the containers (into an external container or hold it from behind into the new oil container) until oil comes out - as soon as oil comes under pressure close the tap... Now you notice that 1. the noise of the pump changes and 2. the detergent container becomes empty extremely fast. Now carry out the calibration as described above.







## MAINTENANCE

TO ENSURE SAFE OPERATION OF THE MACHINE,  
THE USER IS OBLIGED TO MAINTAIN THE MACHINE REGULARLY.  
LUBE1 OFFERS SERVICE CONTRACTS ON ITS WEBSITE, ONCE A YEAR THE MACHINE IS SERVICED,  
FILTERS ARE CHANGED AND CHECKED FOR FUNCTION.

REPAIR WORK MAY ONLY BE CARRIED OUT BY AUTHORISED SERVICE PARTNERS OR,  
AFTER CONSULTATION WITH THE MANUFACTURER, BY THE CUSTOMER ARE CARRIED OUT.

	Before maintenance and repair work, the machine must be disconnected from ALL mains supply (main switch off, pull mains plug out). Suitable measures must be taken to prevent the machine from being switched on again.
	Work on the electrical part or on the supply line may only be carried out by qualified personnel or electricians.

### Safety regulations for oil

ALWAYS OBSERVE THE LEGAL REQUIREMENTS AND REGULATIONS FOR THE TREATMENT OF WASTE OIL.

ALWAYS DISPOSE OF WASTE OIL BY A CERTIFIED COMPANY.

IN THE EVENT OF LEAKS, OIL MUST BE COLLECTED IMMEDIATELY WITH THE AID OF BINDERS OR BOWLS  
SO THAT IT CANNOT PENETRATE INTO THE EARTH'S SURFACE.


AVOID ANY SKIN CONTACT WITH THE OIL.

DO NOT ALLOW OIL VAPOURS TO ESCAPE INTO THE ATMOSPHERE.

OIL IS A FLAMMABLE MEDIUM. PAY ATTENTION TO POSSIBLE SOURCES OF DANGER.

WEAR OIL-RESISTANT PROTECTIVE CLOTHING SUCH AS. E.G. GLOVES, GOGGLES, PROTECTIVE  
CLOTHING...

## Care instructions

	<p>The machine must be inspected at regular intervals, regardless of contamination. Maintenance, cleaning and care.</p> <p>The machine must then be treated with a care product (e.g. oil or wax spray). Do not use cleaning agents that are harmful to the skin.</p> <p><b>IF THE MACHINE IS NOT PROPERLY SERVICED, THE WARRANTY WILL EXPIRE.</b></p>
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Immediately	<ul style="list-style-type: none"> <li>- All liquids and other impurities on the machine must be removed immediately.</li> <li>- Damage to the surface protection (paint/zinc etc.) must be repaired.</li> </ul>
Weekly	<ul style="list-style-type: none"> <li>- Cleaning</li> <li>- Remove dirt</li> <li>- Check the screws and the tightness of the connections.</li> </ul>
1/4 annual	<ul style="list-style-type: none"> <li>- Remove collected dirt inside the machine</li> </ul>

## Troubleshooting

Symptom	Possible cause
DISPLAY DOES NOT SHOW ON, DEVICE DOES NOT POWER ON	Power cable has no proper connection
	Fuse defective
	LCD defective
OIL VOLUMES IN TANKS IS NOT CORRESPONDING WITH DISPLAY	Weigh are not calibrated correctly
VIBRATIONS OR Loud NOISE	The weigh or circuit board does not work correctly or the connection is bad
EVERY FUNCTION REQUIRES Excessively LONG TO WORK	Pump does not operate properly, is not properly fastened, the hoses are twisted or are not connected well enough.
	System (Hoses, Lines, Solenoid Valves & Control Units) Check for Leakage

**ALWAYS MAKE SURE TO USE LUBE1 OILS AND ORIGINAL PARTS AND ACCESSORIES.**

## Disposal

	<p>The machine contains some substances that can harm the environment and the human body if not handled properly.</p>
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- This machine must not be disposed of with normal household waste, but must be disposed of as hazardous waste.
- The reuse or proper recycling of electrical and electronic equipment (EEE) is beneficial for the protection of the environment and human health.  
In accordance with the European Directive WEEE 2002/96/EC, specific collection centres are available to which waste electrical equipment must be handed over.
- Public administrations and manufacturers of electrical and electronic equipment are endeavouring to facilitate the re-use and recycling processes of electrical and electronic equipment waste by organising collection activities and planning.
- The law punishes those who illegally dispose of electrical and electronic equipment with appropriate sanctions.



WEEE-Reg.-Nr.:

**DE 73551752****Waste Electrical Equipment  
Register  
Elektro-Altgeräte Register**

According to § 6 paragraph 1 sentence 1, § 17 paragraphs 1 and 2 ElektroG in connection with the Lending Decision of the Federal Environment Agency dated 06.07.2005 for the brand and type of equipment listed below with the following data:

Company

**ATH-Heinl GmbH & Co. KG  
Kauerhofer Straße 2  
D-92237 Sulzbach-Rosenberg  
Germany**

Responsible:

**Frau Anja Antikidis-Heinl  
Frau Corinna Heinl**

Brand:

**ATH-Heinl**

Categorie:

**6**

Type of machine:

**Electrical and electronic tools for use in non-private  
households**

## DECLARATION OF CONFORMITY / KONFORMITÄTSERKLÄRUNG

Seriennummer / Serial number:

**Konformitätserklärung  
Declaration of conformity**



Für / for  
Getriebeöl-Wechselgerät  
Automatic transmission fluid changer

Typ / Type  
**ATH ATF602**

Wurden folgende einschlägige Bestimmungen beachtet  
The following EG-directives are considered

**2004/108/EC (Electromagnetic compatibility)  
2006/95/EC (Low-voltage directive)**

Folgende harmonisierten Normen und Vorschriften wurden eingehalten  
The following harmonized standards are applied

**EN 61000-6-2 :2005  
EN 61000-6-4 :2007  
EN 60204-1 :2006+AMD.1+2009**

Hersteller  
Manufacturer

**ATH-Heinl GmbH & Co. KG  
Kauerhofer Straße 2  
D-92237 Sulzbach-Rosenberg  
Germany**

Hiermit wird bestätigt, dass die oben bezeichneten Maschinen den genannten EG-Richtlinien entsprechen.  
Herewith we confirm that the above named machines are according to the named EC-directives.

**ATH-Heinl GmbH & Co. KG  
Kauerhofer Straße 2  
D-92237 Sulzbach-Rosenberg  
Germany  
Im Februar 2014**



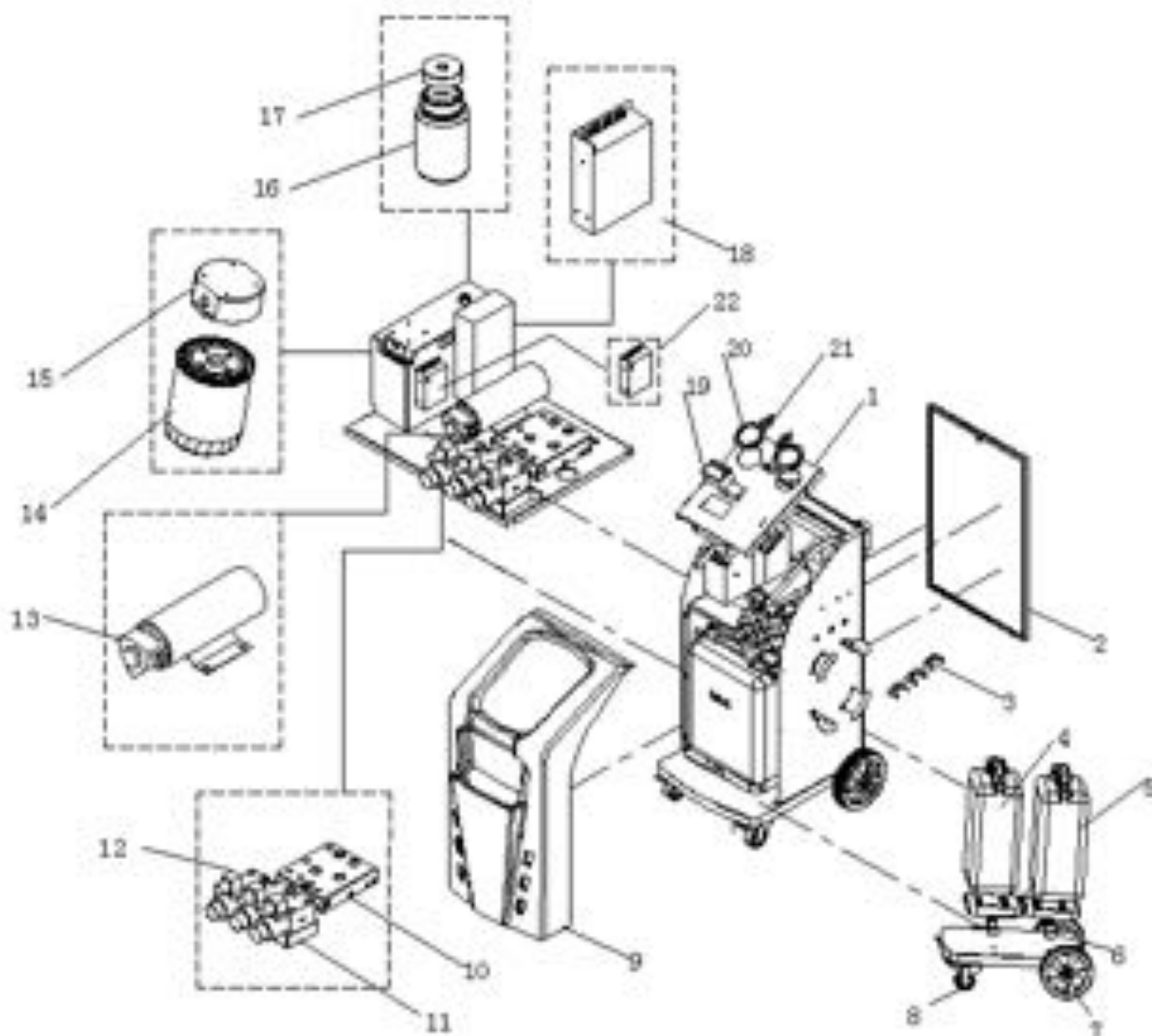
ATH-Heinl GmbH & Co. KG/ Hans Heinl (Geschäftsführer)

**DURCH UMBAUTEN UND/ODER VERÄNDERUNGEN AN DER MASCHINE WIRD DIE CE-PRÜFUNG AUSSER  
KRAFT GESETZT UND EINE HAFTUNG AUSGESCHLOSSEN.**

**CE-TESTING IS SUSPENDED AND LIABILITY IS EXCLUDED DUE TO MODIFICATIONS AND/OR ALTERATIONS  
TO THE MACHINE.**

## ORDER LIST





## Machine Parts

1	OBP2000 & OSF6000	Control panel & control foil
2	OAB2000	Rear cover
3	OSH2000	Hose holder
4	OOT4001	Waste oil tank
5	OOT4001	New oil tank
6	OTW6002	Weigh
7	ORD2000	Rear wheel
8	ORD2001	Front wheel
9	OAB2001	Front cover
10	OSB4000	Control unit
11	OSB4001	Control unit 2
12	OMV6000	Solenoid valve
13	OOP6001	Oil pump
14	OOF4000	Filter
15	OFF4000	Filter flange
16	OOT4002	Flush liquid bottle
17	OSF4000	Flange Flushing agent bottle
18	ONT6000	Power supply 1
19	ODR6000	Printer
20	ODM4000	Pressure manometer
21	OSG4000	Sight glass
22	ONT6001	Power supply 2

## Standard-Adapter

Art. Nr.	Description
FD-A841901	Audi Multiadapter
FD-A841962	Adapter 12mm BMW, Jaguar, MB
FD-A841963	Adapter 10mm BMW, Jaguar, MB
FD-A8HBSET	Briden und Hülsten Set
FD-A940874	Adapter #78 (Ford F)
FD-A940875	Adapter #79 (Ford M)
FD-A941080	Adapter #93 (Ford Focus M)
FD-A941081	Adapter #94 (Ford Focus F)
FD-A941801	Adapter #51 (Chrysler 5/8" F)
FD-A941802	Adapter #52 (Chrysler 5/8" M)
FD-A941803	Adapter #53 (GM 3/8", F)
FD-A941805	Adapter #55 (Toyota, F)
FD-A941807	Adapter #57 (GM 5/8", F)
FD-A941809	Adapter #59 (Toyota, F)
FD-A941813	Adapter #63 (Lincoln, F)
FD-A941815	Adapter #65 (Jeep, M)
FD-A941816	Adapter #66 (Chrysler, F)
FD-A941817	Adapter #67 (Chrysler, M)
FD-A941818	Adapter #68 (Ford, M)

FD-A941819	Adapter #69 (Ford, F)
FD-A941820	Adapter #70 (GM 5/16", M)
FD-A941821	Adapter #71 (GM 5/16", F)
FD-A941822	Adapter #72 (Ford 5/16", F)
FD-A941823	Adapter #73 (Ford 5/16", M)
FD-A941825	Adapter #75 (Jeep, F)
FD-A941828	Adapter #80 (Import, M)
FD-A941829	Adapter #81 (Import, F)
FD-A941830	Adapter #82 (Toyota)
FD-A941831	Adapter #83 (Toyota, M)
FD-A941832	Adapter #84 (Toyota, M)
FD-A941835	Adapter #87 (Dodge, M)
FD-A941836	Adapter #88 (Dodge, F)

### Special-Adapter

Art. Nr.	Description
FD-A841911	Spez. Adapter Audi A8
FD-A841912	Spez. Adapter Audi S-Tronic
FD-A841913	Spez. Adapter Audi 4G
FD-A841921	Spez. Adapter BMW1, 14.1mm
FD-A841922	Spez. Adapter BMW ZF 8HP (ab 2012)
FD-A841923	Spez. Adapter BMW ZF 8HP F11
FD-A841932	Spez. Adapter PSA +
FD-A841941	Spez. Adapter VW
FD-A841951	Spez. Adapter DSG VAG
FD-A841951-S	Verlängerung für Spez. Adapter
FD-A841961	Spez. Adapter Powershift
FD-A841971	Spez. Adapter TF80
FD-A841972	Spez. Adapter TF80 GM
FD-A841973	Spez. Adapter TF80 Universal
FD-A841974	Spez. Adapter TF60 mit Wärmetauscher
FD-A841980	Spez. Adapter VAG Neu
FD-A841981	Spez. Adapter Mercedes-Benz 722.9
FD-A841982	Spez. Adapter Mercedes-Benz 9G
FD-A841991	Spez. Adapter CVT Toyota
FD-A841995	Spez. Adapter Renault/Nissan/Mitsubishi
FD-A941949/50	Volvo Clip Adapter

## Lube1 - Oils / Automatic-Gear Boxes

Art. Nr.	Description	Unit/ Pack
L1-08001	Lube1 Premium CVT - 1L	12/P
L1-08005	Lube1 Premium CVT - 5L	Piece
L1-08020	Lube1 Premium CVT - 20L	Piece
L1-08060	Lube1 Premium CVT - 60L	Piece
L1-08200	Lube1 Premium CVT - 200L	Piece
L1-08101	Lube1 Premium DCTF - 1L	12/P
L1-08105	Lube1 Premium DCTF - 5L	Piece
L1-08120	Lube1 Premium DCTF - 20L	Piece
L1-08160	Lube1 Premium DCTF - 60L	Piece.
L1-08199	Lube1 Premium DCTF - 200L	Piece
L1-09001	Lube1 Premium ATF - 1L	12/P
L1-09005	Lube1 Premium ATF - 5L	Piece
L1-09020	Lube1 Premium ATF - 20L	Piece
L1-09060	Lube1 Premium ATF - 60L	Piece
L1-09200	Lube1 Premium ATF - 200L	Piece
L1-09101	Lube1 Premium LV-ATF - 1L	12/P
L1-09105	Lube1 Premium LV-ATF 5L	Piece
L1-09120	Lube1 Premium LV-ATF 20L	Piece
L1-09160	Lube1 Premium LV-ATF 60L	Piece
L1-09199	Lube1 Premium LV-ATF 200L	Piece
L1-09320	<i>Lube1 Premium ATF M-9G 20L</i>	Piece

## Lube1 – Oils / Power Steering

Art. Nr.	Description	Unit / Pack
L1-06001	Lube1 Premium PSF - 1L	12/P
L1-06005	Lube1 Premium PSF - 5L	Piece
L1-06020	Lube1 Premium PSF - 20L	Piece
L1-06200	Lube1 Premium PSF 200L	Piece

## Lube1 - Oils / Engines

Art. Nr.	Description	Unit
L1-10020	Lube1 Full-Synth Motorenöl 5W-30 20L	Piece
L1-10060	Lube1 Full-Synth Motorenöl 5W-30 60L	Piece
L1-11020	Lube1 Full-Synth Motorenöl 5W-40 20L	Piece
L1-11060	Lube1 Full-Synth Motorenöl 5W-40 60L	Piece

## Lube1 - Oil-Analysis

Art. Nr.	Description	Unit
L1-07030	Lube1 ATF condition and glycol test, 25 pcs/pck	Set
L1-07040	Lube1 break fluid test. 25 pcs/pck	Set
L1-07050	Lube1 power steering fluid test. 25 pcs/pck	Set
L1-07060	Lube1 motor oil test. 25 pcs/pck	Set

## Lube1 – Special Cleaner

Art. Nr.	Description	Unit / Pack
L1-07601	Lube1 DPF Cleaning - Starter Set	Piece
L1-07603	Lube1 DPF Cleaner - 5l	2/P
L1-07603-1	Lube1 DPF Cleaner - 1l	6/P
L1-07604	Lube1 DPF Rinse - 5l	2/P
L1-07604-1	Lube1 DPF Rinse - 1l	6/P
L1-07605	Lube1 EGR Cleaner 400ml	12/P
L1-07606	Lube1 Evaporator Cleaner 400 ml w/o biocide	12/P
L1-07607	Lube1 Intake Valve Cleaner	6/P
L1-07608	Lube1 Power Foam	12/P
<b>L1-07609-G</b>	<b>Lube1 Cooler Flush, Cleaner/Can w. treath/1xappl.</b>	<b>12/P</b>
<b>L1-07609-G-1</b>	<b>Lube1 Gun for Cooler Flush with treath</b>	<b>Piece</b>
<b>L1-07609-K</b>	<b>Lube1 Cooler Flush,Cleaner/Can with cone/1x appl.</b>	<b>12/P</b>
L1-07701	Lube1 Fuel-System-Cleaner - 250ml	6/P
L1-07801	Lube1 Gearbox Cleaner - 500ml	12/P

## Lube1 - Accessories / Various

Art. Nr.	Description	Unit / Pack
L1-05000	Lube1 Super Lube	12/P
L1-07901	Tire Mounting Grease Freylube 2kg	Piece
L1-Z000002	Canister Lid with Spout	Piece
L1-Z000003	Oil Funnel	Piece
L1-Z000005	Filling pump CVT Gearbox incl. Adapter Set	Piece
L1-Z000005-SD	Lube1 CVT Filling Pump Set	Set
L1-Z000006	Universal Barrell Pump 60/200L	Piece
L1-Z000007	Service Booklet Transmission, 10 pcs.	Set
L1-Z000008	Service Sticker Transmission, 18 pcs.	Set
L1-Z000009	Bottles for oil samples, 125ml	4/P
L1-Z000010	Handpump 250ml with suction 30cm	Piece

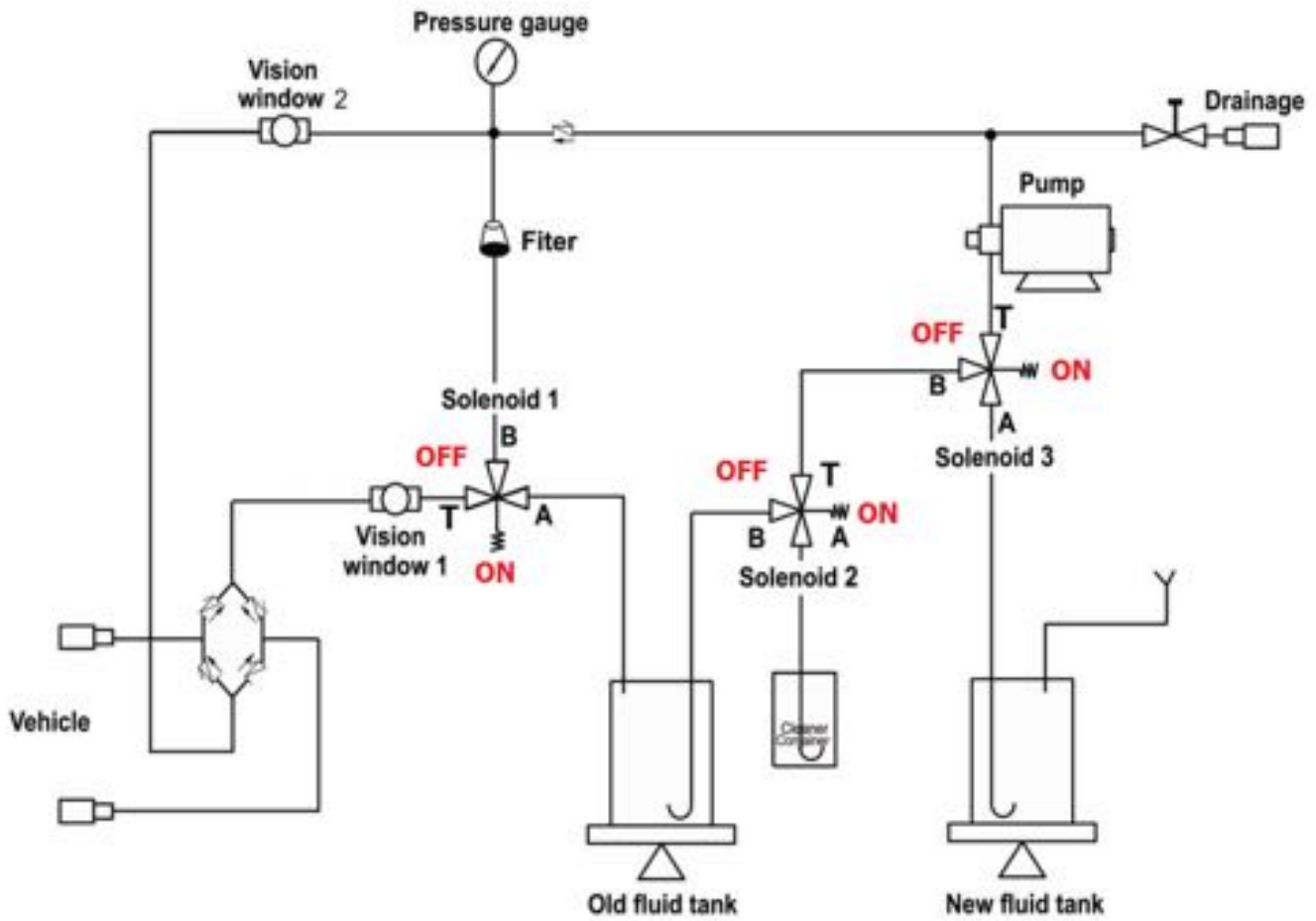


## Lubegard - Products/Additives

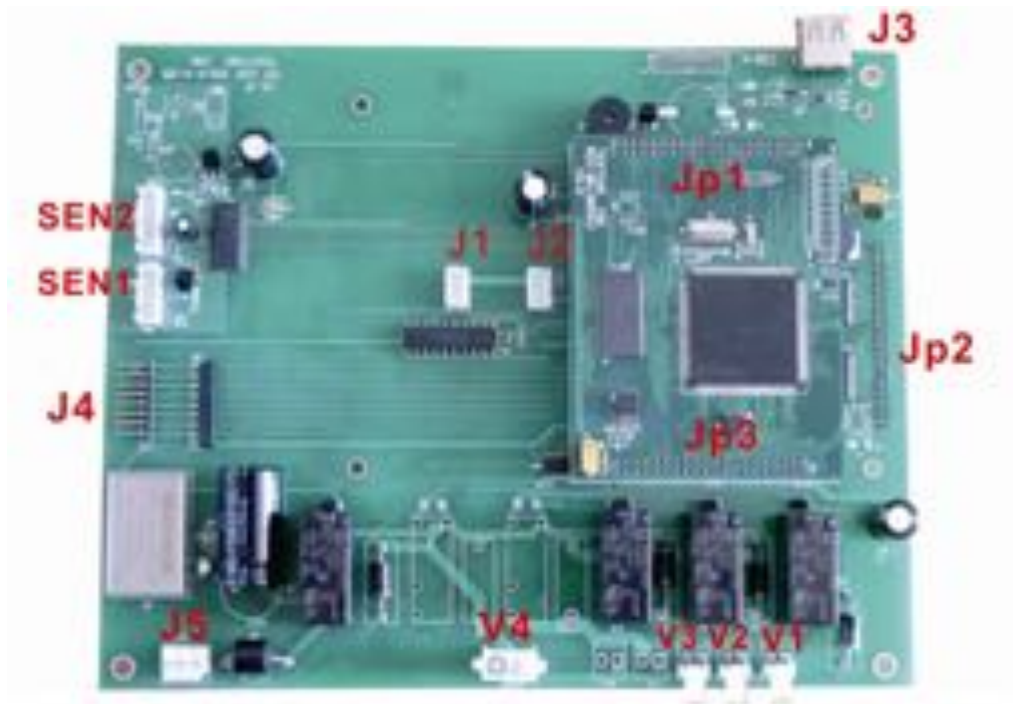
Art. Nr.	Description	Einheit/VPE
LUB-19250	Assemblee Goo firm, green (473ml/16oz)	12/K
LUB-19260	Assemblee Goo firm, blue (473ml/16oz)	12/K
LUB-19420	Assemblee Treatment (236ml/8oz)	12/K
LUB-19610	Shudder Fixx (59ml/2oz)	24/K
LUB-20404	Power Steering Fluid Prot (118ml/4oz)	12/K
<b>LUB-30901</b>	<b>Bio-Tech Engine Oil Protectant (444ml/15oz)</b>	<b>12/K</b>
LUB-30902	Bio-Tech Engine Oil Protectant (295ml/10oz)	12/K
LUB-30903	Gear Fluid Supplement (236ml/8oz)	12/K
LUB-31904	Limited Slip Supplement (118ml/4oz)	12/K
LUB-40902	Bio-Tech Engine Oil Protectant (946ml/32oz)	6/K
LUB-40904	Bio-Tech Engine Oil Protectant (19l/5gal)	Piece
LUB-50902	ATF Protectant (946ml/32oz)	6/K
LUB-60902	ATF Protectant (295ml/10oz)	12/K
LUB-61004	Premium Universal Lubricant (236ml/8oz)	12/K
LUB-61016	Premium Universal Lubricant (473ml/16oz)	6/K
LUB-61910	HFM ATF Supplement (295ml/10oz)	12/K
LUB-63010	Platinum Universal ATF Protectant (295ml/10oz)	12/K
LUB-63015	Platinum Universal ATF Protectant (19l/5gal)	Piece
LUB-85200	Zer0 All Purpose Lubr. (236ml/8oz)	12/K
LUB-95001	Transmission Flush (295ml/10oz)	12/K
LUB-95005	Transmission Flush (19l/5gal)	Piece
LUB-95020	Kool-It Radiator Flush (473ml/16oz)	12/K
LUB-95030	Engine Flush (444ml/15oz)	12/K
LUB-95040	Power Steering Flush (118ml/4oz)	12/K
LUB-96001	Kool-It Coolant Treatment (473ml/16oz)	12/K

## ANNEX

### Circuit diagram



## Electric-Plan



SEN1	USED Oil weigh	SEN2	NEW Oil weigh
Jp1/Jp3	control board	Jp2	Display
V1-3	Solenoid valve 1-3	V4	Pump
J1/J2	LED lighting	J3	USB
J4	keyboard	J5	Powersupply

## GARANTIEKARTE / WARRANTY NOTE

Fachhändler Anschrift / Dealer address:

Firma (ggf. Kundennummer) / Company (evtl. Customer Number)

Ansprechpartner / Contact person

Straße / Street:

PLZ & Ort / ZIP code & Town:

Tel. & Fax:

e-Mail:

Kunden Anschrift / Customer address:

Firma (ggf. Kundennummer) / Company (evtl. Customer Number)

Ansprechpartner / Contact person

Straße / Street:

PLZ & Ort / ZIP code & Town:

Tel. & Fax:

e-Mail:

Hersteller & Modell/  
Manufacturer & model

Seriennummer /  
Serial number

Baujahr /  
Year of manufacture

Referenz-Nummer /  
Reference number

Beschreibung der Meldung / Description of the message:

Beschreibung der benötigten Ersatzteile / Description of required spare parts:

Ersatzteil / Spare part	Artikelnummer / Article number	Menge / Quantity
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

### WICHTIGER HINWEISE / IMPORTANT NOTES:

Schäden, die durch unsachgemäße Handhabung, unterlassene Wartung oder mechanische Beschädigung entstehen, fallen nicht in die Gewährleistung. Für Anlagen, die nicht durch Lube1 eingewiesen wurden, beschränkt sich die Gewährleistung auf die Bereitstellung der erforderlichen Ersatzteile.

Damage caused by improper handling, lack of maintenance or mechanical damage, does not fall into the warranty. For machines that are not installed by a licensed technician from the company Lube1, the warranty is limited to the provision of necessary spare parts.

### Transportschäden / Damages in transit:

☐ Offener Mangel (Sichtbare Transportschäden, Vermerk auf Lieferschein des Spediteurs, Kopie des Lieferscheins und Fotos umgehend zum Handelspartner senden)

Obvious defect (note on carrier's delivery note, a copy of delivery note, Photos of the delivery have to be sent immediately to distributor)

☐ Versteckter Mangel (Transportschaden wird erst beim Auspacken der Ware festgestellt, Schadensanzeige mit Bildern innerhalb 24 Stunden an den Handelspartner senden)

Latent defect (Shipping damage is discovered upon unpacking the goods, send damage report with pictures within 24 hours to the distributor)

Ort & Datum / Place & date

Unterschrift & Stempel / Sign & stamp

**Scope of product warranty**

- Five years on the devices structure
- Power supplies, hydraulic cylinders and all other wear components such as rubber plates, ropes, chains, valves, switches, etc. are limited to one year under normal circumstances/use within the scope of the warranty.
- Lube1 will repair or replace the returned parts during the warranty period after its own inspection.
- After the separate order and execution of a briefing by Lube1 the warranty is extended by one year to a total of 2 years.

The guarantee does not extend to ...

- Defects caused by normal wear and tear, misuse, transport damage, improper installation, voltage or lack of necessary maintenance.
- Damage resulting from neglect or non-compliance with the instructions given in this manual and / or other accompanying instructions.
- Normal wear and tear on parts requiring service to maintain the product in a safe operating condition.
- Any component that has been damaged during transport.
- Other components not explicitly listed but handled as general wearing parts.
- Water damage caused by rain, excessive humidity, corrosive environments or other contaminants.
- Faults that do not impair function

**WARRANTY STARTS FROM DELIVERY DATE.**

It is pointed out that damage and malfunctions caused by non-compliance with maintenance and adjustment work (according to operating instructions and/or instructions), faulty electrical connections (rotating field, nominal voltage, fuse protection) or improper use (overload, outdoor installation, technical modifications) exclude the warranty claim!

## NOTES

[illegible]

## **Lube1, Roten Trading AG**

Spärsstrasse 2  
2562 Port  
Schweiz

Tel: +41 32 355 38 26

Fax: +41 32 355 38 25

[verkauf@lube1.swiss](mailto:verkauf@lube1.swiss)

[www.lube1.swiss](http://www.lube1.swiss)

## **ATH-Heinl GmbH & Co.KG**

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92237 Sulzbach-Rosenberg  
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[www.ath-heinl.de](http://www.ath-heinl.de)