

# FLUID FILLING SYSTEMS SODEREL



*More than 40 years at your service*



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# FLUID FILLING SYSTEMS

## SODEREL

In constant search for innovation, SODEREL advise you, design, manufacture, install and maintain all kind of equipment for industrial fluid filling.

The filling solutions of SODEREL are designed to improve the productivity of your company.

Our know-how is at your disposal in order to satisfy your needs and to answer your technological and economical requirements.



From the elaboration of the technical file to the application, our teams ensure complete engineering of your project:

- Engineering and designs
- Assembly
- Installation on site
- Commissioning
- Maintenance



Our solutions, adapted to the production rate of your assembly production line, allow you:

- To reduce your costs
- To acquire an adapted and reliable machine
- To enjoy our reactivity

The whole of our services reflects our attachment to give you complete satisfaction, to keep the high-quality of our products and to respect environment.

We offer you a huge range of applications:

### Applications

- . Fuel
  - diesel priming
  - fuel vapours extraction
- . Air conditioning
- . Power steering
- . Brake
- . Gearbox
- . Windscreen washer
- . Cooling liquid
- . Suspension system



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	STAGES			
	1	2	3	4
<b>Gearbox</b>	Check of the adapter connection	Filling with volumeter		
<i>Fluid flow to the adapter with heating up for oil fluidification</i>				
<b>Air conditioning</b>	Residual pressure control	Tightness testing	Filling with control of injected quantity	R134a recovery
<b>Power steering</b>	Tightness testing	Filling by supercharging with volume control	Levelling by reinduction with recycling	Anti-drop system
<b>Brake</b>	Tightness testing	Filling by supercharging with volume control	Levelling by reinduction with recycling	Anti-drop system
<i>Simultaneous management of the ABS Blocks</i>				
<b>Windscreen washer</b>	Check of the adapter connection	Filling with volumeter		
<b>Cooling liquid</b>	Evacuating	Filling with volumeter		Anti-drop system
<b>Suspension system</b>	Pressurization of dehydrated air (or NO2)	Filling with control of the injected pressure		



	Machine specifications				
	Valves	ND	Connection	Advantages	°Inclination
<b>Gearbox</b>	2	13	Fitting of a handle	Cannula in position detection Anti-drop system	Coupling on hose
<b>Air conditioning</b>	3 / 5	7	Quick release coupling	Full recovery of R134a	Coupling on hose
<b>Power steering</b>	3	10	Locking on neck	Telescopic cannula Anti-drop system	90/45/0
<b>Brake</b>	3	10	Locking on neck	Telescopic cannula Anti-drop system	90/45/0
<b>Windscreen washer</b>	1 / 2	13	Fitting of a handle	Anti-drop system	90/45/0
<b>Cooling liquid</b>	3	10	Locking on neck	Telescopic cannula Anti-drop system	90/45/0
<b>Diesel priming</b>	/	/	Quick release coupling	Two-phase detector Anti-drop system	Coupling on hose



# TEST FACILITY FOR FILL FUNCTION SODEREL

The test equipment of Soderel ensures the periodic control of the filling installations.

This means of capability checks the measuring accuracy of the installation for the circuits of cooling liquid, and/or brake, and/or power steering.

On castors, it allows the operator while connecting itself on the circuit of test which contains the specifications of the vehicle, to test:

- the value of vacuum
- the value of load pressure
- the accuracy of the levelling

