

## 1. Applications of Pela pumps

### 1.1. Easy oil changing from engine carters

- All you need to do is pumping 10 to 20 times to extract oil from the carter.
- Then the oil fills the pump tank.
- The pump tank is calibrated to help measuring the quantity of extracted oil (according to the handbook of your: car, motorbike, boat, mower, generating set, other industrial equipment).

### 1.2. Easy water extraction

- Your pump can also be used to extract water from: your aquarium, the hold of your boat, a sink, pipes prior to pouring an unblocking product to make unblocking easier.

### 1.3 WARNING

- Never use to extract petrol, diesel and other flammables products.
- Never use following an extended use of your engine.
- Never use whilst the engine is very hot.
- Never extract hazardous chemicals, poisons, acids, alkaline products or solvents.
- Never drop or throw the equipment.
- Never dismantle the pump and never misuse it.
- Always keep out of reach of children.
- Always keep away from a flame or a heat source.
- Always dispose of the pump and of used oil in authorized waste collecting sites.
- Never use a Pela pump when the engine is operating.

## 2. Storage of the pump

Dismantling your pump is possible to make storage easier in a safe place. Using a cloth, wipe all parts of the pump. The extraction pipe does not require draining as it has been emptied during the last extraction of a fluid (oil or water). Rapidly empty the tank, either directly on the waste collecting site, either using another container.

## 3. Using your Pela pump to change oil from carters

**WARNING:** Prior to changing the oil of your motor vehicle, first make sure that the level of oil in your carter is between low and high levels and that the operating of the oil pressure gauge is correct. The light should illuminate when the engine does not run and should be off when the engine runs. In case the light does not work, please repair it or have it repaired to solve the problem.

Position your vehicle on a flat an even place and stop your engine.

1. Run your engine during 5 minutes in case it is cold or let it cool down in case it is too hot.
2. Once your pump is assembled, carefully insert the extraction probe until it touches the bottom of the carter instead of the dipstick. Please respect the instructions stated on the packing and storing cardboard.

**PLEASE NOTE** that the dipstick is very often positioned next to the exhaust system be very careful when operating as the exhaust system is very hot.

3. **Operate 10 times the pump** by pushing down the handle of the Pela pump. The oil is extracted within a few minutes.
4. **Control the quantity of oil extracted by the Pela pump** (the tank is graduated in litres). The value measured should more or less match the value stated by the handbook of your engine, in the section "Changing your engine oil" without filter. If it does not, perform again steps 3 and 4, making sure the plastic pipe is not inserted too far or not far enough into the carter.
5. **Optional (The capacity of your pump is less then the quantity of oil to extract)**. When the tank of your Pela pump is full, remove the plug of the pump and carefully pour the oil into a sealed drum. Fit again the plug of your pump as stated on the packing of the Pela pump you use. Perform again above steps, starting from step 3.
6. **Replace the oil filter (optional)**. Please refer to the handbook of your engine.
7. **The oil change is finished**. You now have to fill in the carter of your engine with new oil. Please refer to the handbook of your engine to know which oil you can use in your engine.
8. **Fill in the carter**, as stated in the handbook of your engine, with new oil, using a funnel. Pour only the quantity of oil recommended by the manufacturer. Wait two or three minutes until the oil floods into the carter.
9. **Using the dipstick, control the level of oil**. It should be between maxi and mini marks otherwise adjust the level by adding or removing the required quantity of oil. Never forget to wipe off your dipstick after each control.
10. **Fit your dipstick**, start your engine and control the good running of your engine.

#### 4. Using your Pela pump to change water

Assemble your pump according the instructions stated on the packing and storing cardboard.

1. **Make sure the water to extract is not too hot**. If it is too hot, let it cool down.
2. **Carefully insert the pipe of your Pela pump into the container** you want to empty (aquarium, sink, and toilets). Hold it so it is always into the water.
3. **Operate 10 times the pump** by pushing down the handle of the Pela pump. The water is extracted within a few minutes.
4. **During the extraction** control the tank of your Pela pump. When it is full, take the pipe out of the water, Unscrew the plug of the pump, empty the water and fit the plug again as stated on the packing of the Pela pump you use.
5. **Perform again steps 2 to 5** in case you have to empty all the water from the container.
6. **The draining is finished**.