

# 12 VOLT OIL EXTRACTION PUMP

Stock Number W54170

## OWNERS MANUAL



### **▲ WARNING!**

*It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this oil extraction pump. The owner operator shall retain product instructions for future reference.*

*The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. If the owner and/or operator are not fluent in English, the product warnings and instructions shall be read and discussed with the operators' native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The tool shall be inspected per the operating instructions.*

*Protect yourself and others by observing all safety information.*

*Failure to comply with instructions could result in personal injury and/or property damage!*

# PT

**Performance Tool®**

Please read these instructions carefully and retain them for future use.

On occasion, after printing of our literature is completed, our manufacturers may make changes and/or modifications to merchandise which will not be reflected in this manual. Although we strive to maintain complete and accurate information, it is possible in some instances, that the product may differ slightly from printed specifications. Illustrations are intended for reference only. Actual merchandise may vary. Wilmar is not responsible for typographical errors.

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## SPECIFICATIONS

**Motor:** .....12V D.C.  
**Power Draw:** .....Approx. 5 A  
**Sound Pressure Level:** .....70 dB(A).  
**Vibration:**.....<2,5m/s<sup>2</sup>

### Max. Flow Rate:

**Diesel:** .....Approx. 1.1 gal./min.  
**Motor Oil (100° - 125°F):** .....Approx. 0.8 gal./min.

**Specifications are subject to change without notice**

## IMPORTANT SAFETY INFORMATION

**▲ WARNING! READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS, AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.**

The oil-extractor is the ideal equipment for quick and clean oil changes. The oil extractor works by connecting the clamps to the 12V car battery. The oil is simply drawn out the motor through the oil dipstick bore. Please use the extractor exclusively for motor, diesel or heating oil.

The extractor is not suitable for extracting:

- **Water (no lubrication of the pump)**
- **Gearbox oil (too viscous)**
- **Easy inflammable liquids (fuel, petrol, etc.)**

### Danger of explosion!

We will not assume liability for safe function of the extractor, if it is used for purposes other than those mentioned in this manual. No warranty claims can be lodged for damage resulting from operating errors or inadequate maintenance.

Please carefully read and observe the following safety instructions, before using the extractor in order to avoid environmental damages or injuries:

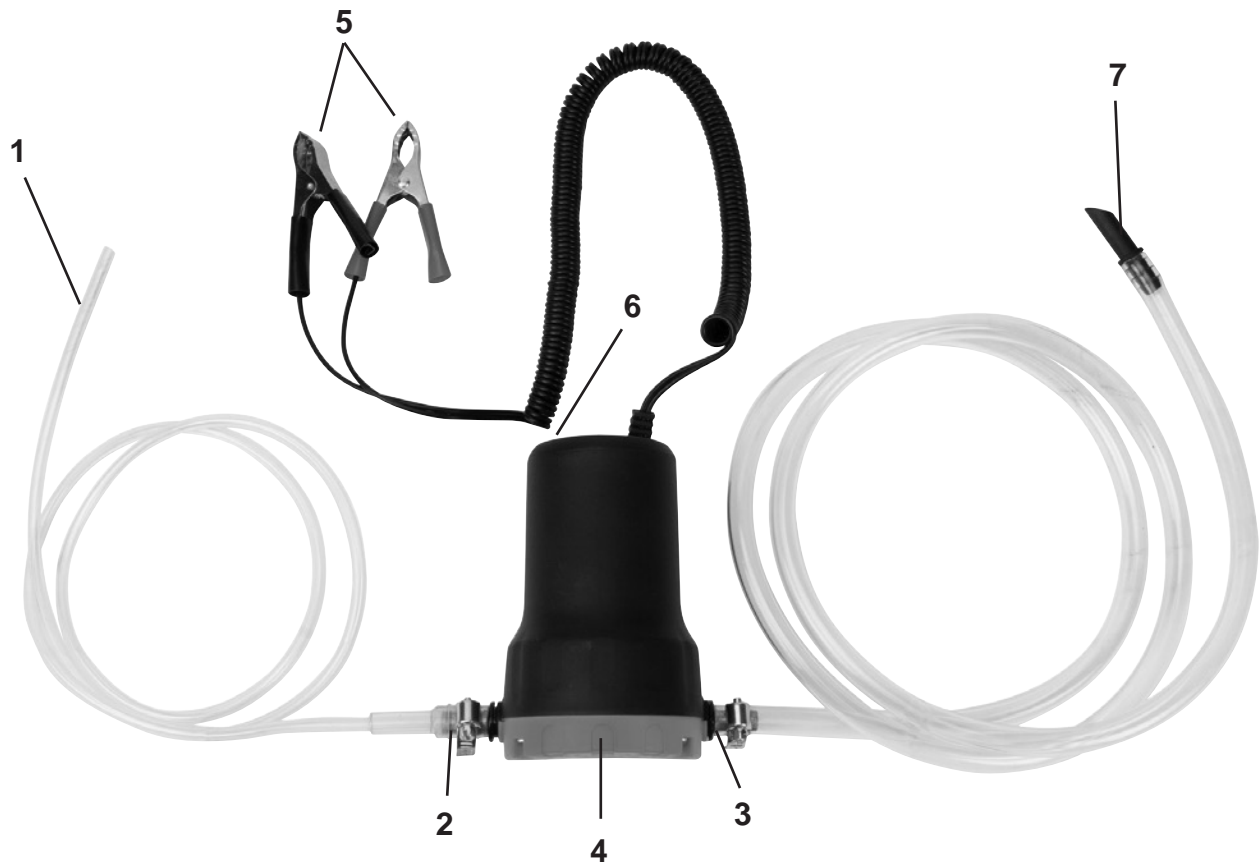
- **Set up the oil extractor securely**
- **Fasten the drain hose properly**
- **Protect the power supply cables against heat and sharp edges**
- **Make sure that the pump is connected correctly to the car battery before starting to work (plus to plus and minus to minus)**
- **Do not pump water (no lubrication of the pump)**
- **Only pump warm motor oil (40° - 50° C, 104° - 125° F) do not pump off motor oil as long as the motor is still running**
- **Collect the old oil in suitable containers to protect the environment and deliver the old oil to your local collecting station, petrol station or oil supplier**
- **Clean the pump and attachment parts after finishing your work**

## TECHNICAL DESCRIPTION

The oil-extractor is a vane pump with brass lamellas. It is driven by a 12V-D.C.-motor via a reduction gear. As power supply please use a 12V- vehicle battery. The connections on the pump are built for hoses of 10mm internal diameter.

The external diameter of the suction-probe is 6mm. Therefore the pump can only be used for oil change if the inner diameter of the dipstick tube is bigger than 6mm. The oil-extractor is suitable to pump engine, diesel and heating oil.

## PARTS DIAGRAM



## PARTS LISTING

| No. | Description         |
|-----|---------------------|
| 1   | Suction Probe (6mm) |
| 2   | Suction Connector   |
| 3   | Drain Connector     |
| 4   | Extraction Pump     |
| 5   | Battery Clamps      |
| 6   | On/Off Switch       |
| 7   | Hose 10mm           |

## OPERATION

1. Before starting to change motor oil drive the motor until the oil has a temperature of approx. 40°- 50°C, 104°- 125° F. Less temperature will reduce the flow rate due to the high viscosity of the oil. If the oil is too hot the sealings of the pump might be disturbed.
2. Shut down the engine after having reached sufficient temperature.
3. Push the hose with the suction probe onto the pump socket and push the drain hose onto the drain socket, fasten both by using hose-clamps in or under to avoid the hoses coming loose due to the oil pressure.
4. Unwind the suction probe and straighten it properly before inserting through the dipstick-tube into the engine. Otherwise the pump will draw no or not enough oil.
5. Insert the suction-probe into the oil dipstick-tube and push it gently down to the lowest position of the oil pan.
6. Please use suitable container to collect the old oil and lead the drain hose into this container.
7. Connect the oil-extractor to the 12V car battery. Make sure that the clamps are connected with the correct poles of the battery (red clamps to "plus", black clamp to "minus")
8. Switch the pump on and pump the oil out of the engine.
9. As soon as no further oil is pumped, switch off the pump. Do not let the pump run without oil.
10. Fill the engine with fresh motor oil according to the maintenance instruction for your car and check the oil level with the oil dipstick.
11. After finishing your work clean the pump thoroughly by pumping some fresh oil.
12. Remove the hoses from the pump, plug them together and store the whole unit in a place where it is protected against dust.

### ATTENTION:

Never let old or fresh oil seep into the ground or into the sewage system. You will harm the environment and you will make yourself liable for prosecution. Collect the old oil and dispose at your local collecting station, petrol station or oil dealer.

### IMPORTANT NOTICE:

The working period for this oil extractor should not exceed 30 minutes. After this period please switch off the pump and let it cool down.

### 1 YEAR LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty.

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its

performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

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