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Fabricado na CHINA por / Vyrobené v ČINE od / Vyrobené v ČINE od /
Wyprodukowane w CHINACH przez: **Varan Motors**



Imported by / Importé par / Importiert durch / Geïmporteerd door / Importado
por / Importato da / Importado por / Importované spoločnosťou / Dovezeno
spoločnosťou / Importowane przez:

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It is absolutely prohibited to use the pump with your hands wet, barefoot or while standing in water.

WARNING: The use of batteries of adequate capacity that are not sufficiently charged creates decreased pump speed, reduced flow, and insufficient suction that may lead to the lack of suitable Diesel oil flow.

CHAPTER 5 ASSEMBLY AND DISASSEMBLY

The motor pump has no separate accessories and therefore does not require assembly. The motor must be disassembled only and exclusively at authorized assistance centers or by qualified technicians.

CHAPTER 6 MECHANICAL RISKS

Risks created by extreme surrounding temperature.
Remember that excessively low temperature (-30°C) can freeze the diesel oil inside the pump and that this can cause serious damage to all parts of the motor pump.
Excessively high temperature (40°C in the shade) can cause the sagging or dilatation of the unit's plastic parts. We recommend fastening the unit in a well-ventilated area protected from direct sunlight.

CHAPTER 7 MAINTENANCE AND TROUBLE SHOOTING

7.1 Maintenance

Maintenance operations can be performed only after first disconnecting the power supply plug. The motor pump does not require any special maintenance inside, and for this reason must never be disassembled. It is important to keep the suction and delivery sections perfectly clean and free from all clogging.

7.2 Trouble Shooting

PROBLEMS	CAUSES	SOLUTIONS
The pump fails to turn	No power supply Impeller jammed Motor malfunction	Check the clamps and the safety devices. Disassemble, check for signs of damage or clogging. Reassemble. Contact your local dealer.
Low pump flow.	Tank liquid level too low. By-pass valve jammed. Filter clogged. Air in the suction tube. Decreased pump rotation speed. Leakage of Diesel oil. The suction tube is resting on the bottom of the tank. Excessive suction height.	Fill up the tank. Clean and re-assemble. Clean the filter. Make sure that the suction tube is not damaged. Check and correct pump voltage. Check the connectors and gaskets. Raise the tube in the tank. Lower the level of the pump.

Instruction

AC Metering Diesel Transfer Pump NEEP-02-2



⚠ CAUTION: Please read this manual carefully before operating the pump!

OPERATING INSTRUCTIONS

CHAPTER 1

Technical Specifications:

Rated Voltage: AC220V 50Hz

Rated Power: 550W

Max.Lift: 10m

Max. Suction: 5m

CHAPTER 2

Warning

- The user must absolutely observe the accident-prevention measures in force, and must also respect the indications provided in the following chapters.
- Never shift the motor pump during operation for any reason whatsoever.
- Before using the motor pump, always make sure that the power supply cable and all the other devices are in perfect working condition.
- Before starting the motor pump, make sure that you are not barefoot, that your hands are not wet, and that you are not even partially standing in water.
- The motor pumps are constructed in such way that all the moving parts are protected by casings. Never remove any of these casings when the motor pump is running for any reason whatsoever.
- It is very important to keep the motor pumps' power socket protected from sprays of water, rain and atmospheric agents in general and all the other liquids.
- Not for use with gasoline or alcohol.
- Not for use in hazardous locations.
- Improper use or installation of this product can cause serious bodily injury or death.
- Do NOT smoke near pump or use pump near an open flame.
- Do not use this product for fluid transfer into aircraft.
- This product is not suited for use with fluids for human consumption or fluids containing water.
- Do not dispense fluid that is thicker than diesel fuel. Motor may overheat.

SAFETY INSTRUCTIONS

To ensure safe and efficient operation, it is essential to read and follow each of these warnings and precautions.

1. Disconnect power to pump before servicing pump.
2. A diesel compatible filter should be used on pump outlet to ensure that no foreign material is transferred to fuel tank.
3. Tank or barrel should be anchored to prevent tipping in both the full and empty conditions.
4. The pump should never be left running unattended.

CHAPTER 3

HANDLING AND TRANSPORT

4.1 Unpacking

Whenever the packaging appears to have been damaged, check the motor pump for signs of damage during transport or handling.

WARNING: Before installing and using the motor pump, check the identification plate to make sure that the model and its characteristics correspond to those specified.

4.2 Handling disassembly and transport

Although the reduced size and weight of the motor pump will not create particular

problems in transport, we recommend the following:

Never move the motor pump for any reason without first unplugging the power supply plug from the socket or disconnecting the electrical power supply.

Unscrew and remove the delivery and suction tubes.

Unscrew the bolts or screws used to anchor the motor pump in place.

Never move or drag the motor pump by pulling its power supply cable.

CHAPTER 4

USE AND STARTING

5.1 Electrical power supply connection:

Before using, first make sure pump is to use DC power or AC power.

If the pump's power is DC power:

(1)Connect the pump's clamps to a battery capable of delivering the current and voltage required for the operation of the pump.

(2)If a motor vehicle battery is used to power the pump, we recommended first removing it from the vehicle and standing it on a stable surface in a comfortable position.

(3)The pump can be connected to a battery mounted in a motor vehicle only if the vehicle is parked outdoors and only if the pumps' electrical cables and connection piping are long enough to provide the pump with solid support.

(4)The use of extension cords for the electric cables connected to the clamps is prohibited .If the length of the cables supplied with the machine is not sufficient to power the pump, the clamps must be substituted with jack plugs of adequate section by a specialized electrician.

(5)The pump can be connected to a battery-charger only of adequate power equipped with terminals, never make connections to clamps coming from the battery charger and connect the pumps' clamps directly to the battery charger's terminals in order to prevent the generation of sparks that might cause fires.

(6)Make sure that the voltage of the pump (indicated on the identification plate) corresponds to the voltage of the battery.

(7)Make to always respect polarity: connect the black clamps to the - pole and the red clamps to the + pole.

Be extremely careful (when connecting the pump to the battery) to avoid making contact between opposite poles and creating sparks (which can cause fire). We recommend connecting the negative pole first and then the positive pole.

(8)Position the pump securely and make sure that the lengths of both the power supply cables and the piping are sufficient to ensure solid positioning.

If the pump's power is AC power:

(1) Power overload current protection switch must be installed

(2) Position the pump securely and make sure that the lengths of both the power supply cables and the piping are sufficient to ensure solid positioning.

5.2 Starting

After checking to make sure that all the tubes have been adequately sealed, that the power supply cable has been connected to its attachment and the gun is in the rest position, the pump can be started.

After inserting the suction tube in the tank and the gun in the filling hole, switch on the pump, gradually release the gun's lever and begin the transfer of the Diesel oil.

WARNINGS

It is absolutely prohibited to abandon the pump while filling in order to prevent the potential overflow of Diesel oil.

Never start the pump before first connecting the suction and delivery tubes.

After closing the gun, switch off the motor pump as quickly as possible.