

DC Oil Pump Manual



The DC oil pump has been tested and passed through a strict performance test for temperature resistance and anti-shock with a high quality protection rating of IP55. Car batteries may be used to power the pump for fast and convenient fuel pumping. It may be also used with a fueling nozzle and filters for ensuring the flow of clean diesel or kerosene fuel. this pump is designed for all kinds of machinery, tractor and farm equipment

A: Technical parameters:

Voltage	Power	Suction Distance	Head:	Flow Rate	Dimension
DC12V or 24V	120W/155W 240W/550W	5m	10m	40/70L/min	3/4" / 1"
AC220V/50/60Hz	120W			40L/min	3/4"

B: Cautions:

1. The power source voltage should be confirmed to match the power input of the pump prior to connecting to the pump.
2. Voltage tolerance of +/- 5%.
3. Oil transfer is in the direction of the arrow as indicated on the pump.
4. Be sure to have an air-tight seal on the suction hose so proper flow can be achieved. the filter screen should be installed on the end of the suction hose to prevent debris from damaging the pump.
5. The duty cycle of this pump is 30 minutes under normal usage. The pump has thermal protection and may shut off if the maximum operating temperature of the pump is achieved.

Note	Not suitable for low-igniton fuel (such as gasoline,liquefied petroleum gas, alcohol, etc.) transmission.
-------------	---

C: Failure and Resolution:

Trouble	Reasons	Trestments
No initial oil output	1、Polarity reversed (+/-)	1、Correctly attach polarity to power source +/-
	2、Leak in suction line	2、Ensure the suction hose is securely fastened and there are no leaks
	3、Pump not primed	3、Prime the pump by adding oil to near the pump inlet.
Little oil flow	1、Low voltage supply	1、Increase the supply voltage to proper levels
	2、Excessive suction height or head	2、Reduce suction height or head
	3、Obstruction in the filter strainer	3、Clear foreign objects, clean filter strainer
	4、Vaness worn or gear broken	4、Replace the vanes or gear