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RVP ROTARY OIL AND FUEL PUMP

INSTRUCTION MANUAL

Thank you for purchasing a Macnaught RVP Rotary vane oil and fuel pump.

The Macnaught RVP has been designed to reliably dispense various types of Lubricating oils, Diesel and Kerosene.

Macnaught manufacture a complete range of retractable hose reels, oil dispensing nozzles, fuel pumps, positive displacement flowmeters, greasing equipment and a complete range of accessories.

Note: This pump is not suitable for Petrol

GENERAL INFORMATION

This manual assists you in operating and maintaining your new rotary Oil/Diesel pump. The information contained will help you ensure many years of dependable trouble free operation.

Please read and retain this instruction manual to assist you in the operation and maintenance of this quality product.

DESCRIPTION

The RVP rotary pump is designed to pump diesel fuel, mineral based engine oils and gear oils up to SAE90 viscosity, from 60 litre to 205 litre drums or tanks up 900mm deep.



SAFETY INFORMATION

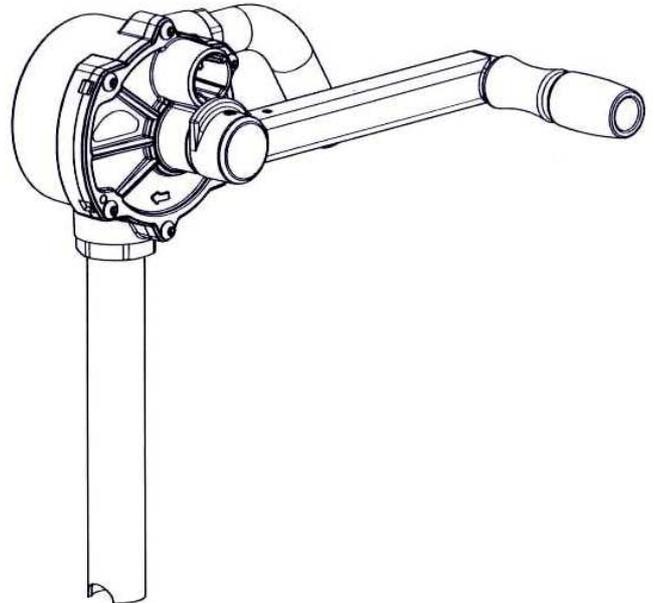
The following information is important for your safety when pumping flammable liquids.

Precautions are necessary to minimise the build up of static electricity which could cause a spark and therefore an explosion.

The storage drum or tank should be metal and should be grounded to earth.

Procedures for using the pump with a hose and nozzle.

1. Disconnect the hose from the pump and nozzle. Cut a length of heavy duty multi-strand copper electrical wire to the length of the hose plus 100mm. Run the copper wire up inside the hose.



2. Reconnect the nozzle to the hose ensuring the wire is in firm contact with clean metal on the nozzle

3. Scrape the paint from a section of the pump outlet tube. Reconnect the hose to the pump ensuring the wire makes firm contact with the exposed metal in the area under the hose clamp.

NOTE: Chemicals, solvents, or water will cause premature failure of seals, o'rings or other components.

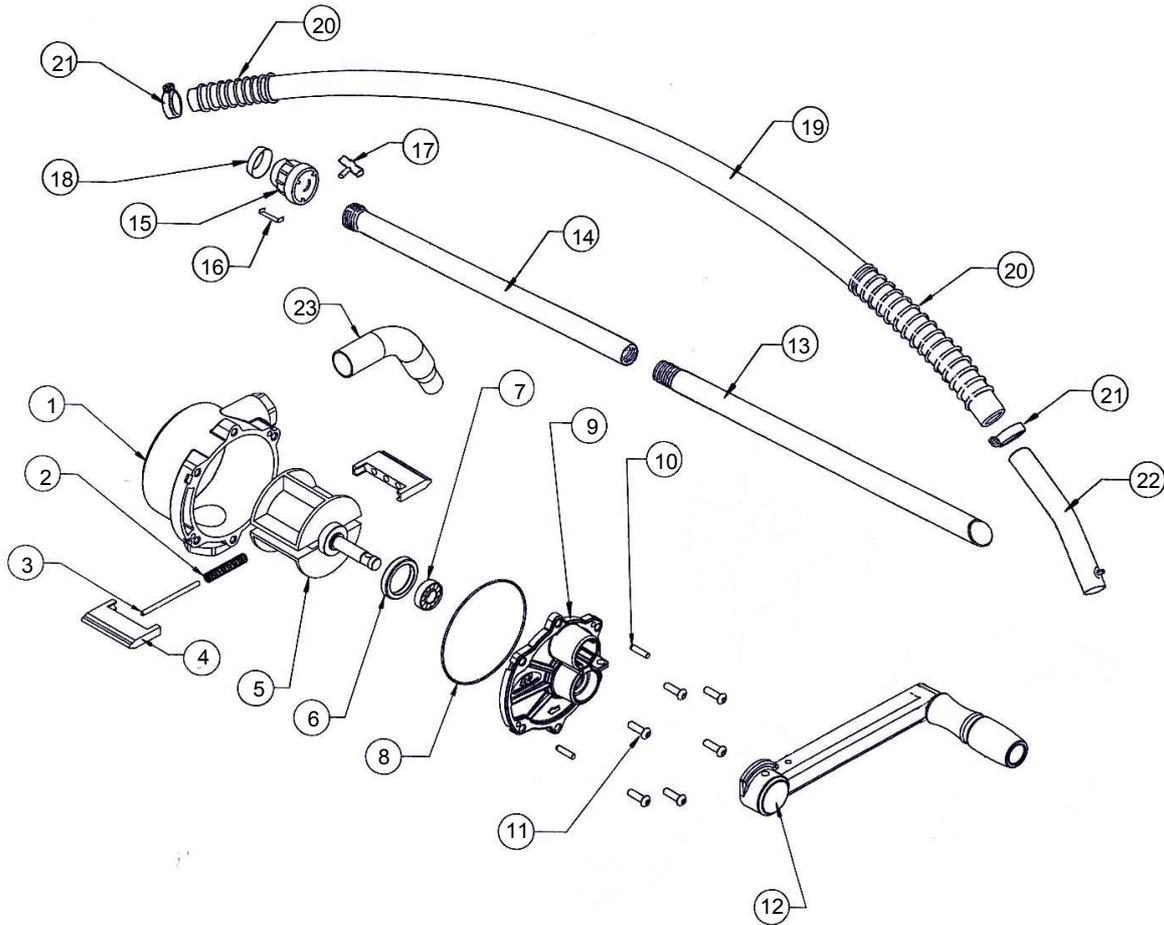
Apply suitable thread sealant (e.g. Teflon tape) to all male threads.

RVP PUMP FEATURES:

- * Precision, pressure die cast body for leak free operation.
- * Suction Tube.
- * Light weight but strong.
- * Approximately 20 litres/minute pumping diesel.
- * Sliding 2" BSP bung adaptor.
- * Rotary action, pumps both ways.
- * Complete with 1.8m (6ft) hose, nozzle and nozzle holder.

Optional VA Fuel Filter kit available (order VA-01), recommended for diesel fuel.

PARTS DIAGRAM



PARTS LIST

ORDER FOR REPLACEMENT					
ITEM	PART No.	No. off	PART or SET	KIT. REF	DESCRIPTION
			RVP-1K	A	SEAL KIT
1	RB200	1	RB200s		PUMP BODY
2	RB213	1		SPRING	
3	RB212	1		PIN	
4	RB204	2		VANE	
5	RB222	1		ROTOR	
6	RB210	1		A	SEAL
7	N619	1		A	BEARING
8	BS045	1		A	BODY O'RING
9	RB221	1			COVER PLATE
10	RB218	1			PIN
11	N97	5			SCREW
12	RB220	1	RB220s		HANDLE ASSEMBLY
13	GM39GI	1	GM40s		LOWER SUCTION TUBE
14	GM40GI	1		UPPER SUCTION TUBE	
15	GR9	1	GR34s		BUNG ADAPTOR
16	GR11	1		PLATE	
17	GR10	1		BUNG ADAPTOR SCREW	
18	GM41	1		A	DUST COVER
19	AA92	1	AA92s		HOSE
20	AA95	2		HOSE SPRING	
21	N369	2		HOSE CLAMP	
22	AA91	1		AA91s	
23	RB208	1	RB208s		PUMP OUTLET TUBE



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