

OIL CHANGE ON THE VACUUM PUMP

ATTENTION : For each intervention in the vacuum sealer drawer, also perform an oil change of the vacuum pump, to avoid further action dedicated to changing the oil.

VACUUM PUMP LUBRICATED BY RECIRCULATION BRAND "D.V.P." MODEL LB.4
(Electrolux Part Number 405 52 44-51/3)

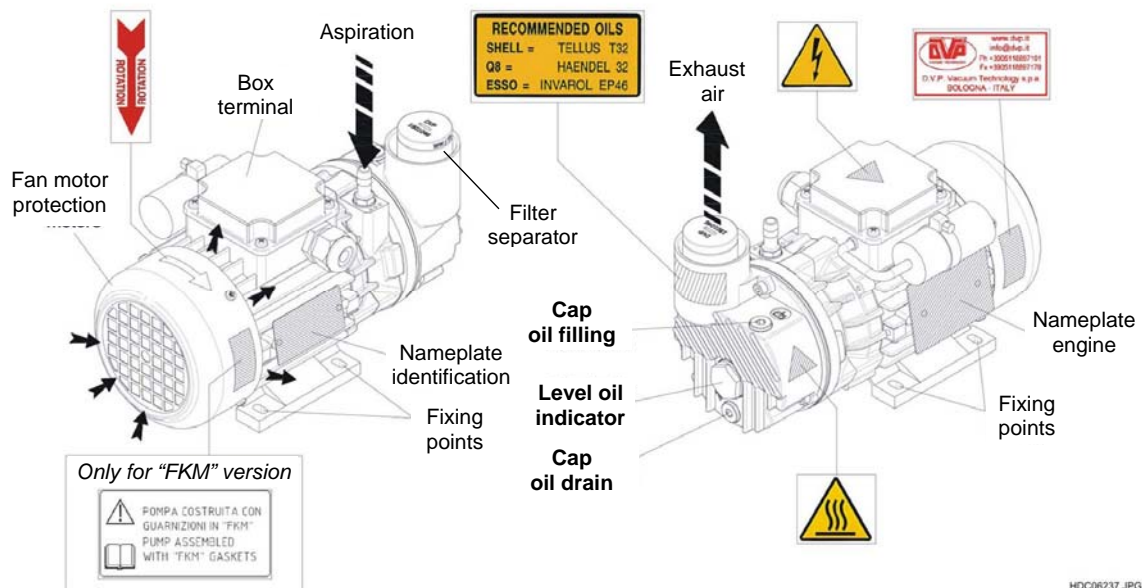


Fig. 1

HDC06237.JPG

TECHNICAL SPECIFICATIONS		
Flow	m ³ /h	4
Final pressure (Aspiration)	mbar - hPa	2
Maximum aspiration pressure for water steam	mbar - hPa	--
Maximum amount of water steam	Kg/h	--
Motor power	kW (1~ / 3~)	0,12 / 0,12
Rated speed	n/min.	2800
Noise (UNI EN ISO 2151) (K 3db)	db(A)	57
Weight	kg (1~ / 3~)	5,4 / 5,4
Type of oil	cod. DVP	BV32 (SW40)
Upload oil	dm ³	0,06
Aspiration / Drain pump		Ø9mm / 1/8"G
Working range in continuous (Aspiration)	mbar - hPa	--
Operating Temperature (room temperature 20°C)	°C	60 ÷ 65
Working environment temperature required	°C	12 ÷ 40
Ambient temperature storage / transport	°C	-20 ÷ 50
MAX humidity / altitude		80% / 1000m s.l.

1. TABLE OF INTERVENTION

The following table shows all periodic necessary to maintain the efficiency of the pump.

TYPE OF OPERATION	FREQUENCY
Checking the oil level	500 CYCLES
Changing the oil and Filter separator	6000 CYCLES
Cleaning motor fan guard and general cleaning of the pump	EVERY 2 YEARS
Replacement blades	EVERY 20000 CYCLES

More frequent maintenance may be required depending on the type of use (high temperature of the gas sucked, etc.).

2. CHECKING THE OIL LEVEL

Check that the oil level is in the middle of the sight glass, otherwise follow the instructions in the following section.

Check the condition of the oil, if it appears cloudy or dark is a sign that is polluted with substances aspirated and must be replaced.

To check the oil level, after disconnecting the appliance from the mains, simply remove the left panel of the appliance.



DANGER

To do so wear appropriate personal protective equipment.

3. CHANGING THE OIL

The oil be replaced as follows:

- 1) Perform two cycles of reconditioning oil (Program P7) so that the oil becomes fluid;
- 2) Unplug the appliance from the mains;
- 3) Remove the left panel of the appliance.
- 4) Unscrew the filler cap on top of the pump (see Fig. 1 and 3);
- 5) Obtain a container with sufficient capacity to contain all the oil and then open the oil drain plug;
- 6) Completely drain the oil;
- 7) Raising the inside cover so that the arm does not interfere in the access to filter pump.
- 8) Unscrew the old filter separator (if necessary with pliers).
- 9) Be sure to also remove the old gasket.
- 10) Screw the new filter separator with gasket.
- 11) Close the drain plug and fill in new oil of the filling hole until the level reaches the middle of the Level oil indicator;
- 12) Close the oil filler cap;
- 13) Remove any drips of oil from the pump and / or from the floor.
- 14) Restore the connection of the appliance to the mains;
- 15) Perform one or more cycles of reconditioning oil (program P7) and refill, if necessary, the oil level.
- 16) Reassemble the left panel of the appliance.



DANGER

To do so wear appropriate personal protective equipment.



DANGER

For the collection and disposal of used oil or polluted follow local regulations in force.

4. ADD OIL

To add oil to the pump, proceed as follows:

- 1) Unplug the appliance from the mains;
- 2) Remove the left panel of the appliance.
- 3) Unscrew the filler cap on top of the pump (see Fig. 1 and 3);
- 4) Take the oil container and fill the pump until the level reaches the middle of the oil level indicator;
- 5) Close the oil filler cap;
- 6) Remove any drips of oil from the pump and / or from the floor;
- 7) Restore the connection of the appliance to the mains;
- 8) Perform one or more cycles of reconditioning oil (program P7) and refill, if necessary, the oil level.
- 9) Reassemble the left panel of the appliance.



DANGER

To do so wear appropriate personal protective equipment.

4. FAN PROTECTION AND CLEANING GENERAL CLEANING

Cleaning the fan motor and pump protection is needed to remove dust deposits. Proceed using compressed air and a dry cloth if necessary. Do not use liquids or other substances other than those indicated.



DANGER

To do so wear appropriate personal protective equipment.

5. TYPE OF OIL TO USE

We list below the recommended types of oil:

RECOMMENDED OIL			
BRAND	TYPE/ DESCRIPTION	SUPPLIER CODE	ELECTROLUX CODE
SHELL	TELLUS T32	--	--
Q8	HAENDEL 32	--	--
ESSO	INVAROL HP46	--	--
Original Spare Parts	Kit includes: 1 x Filter separator with gasket	FM720257	405 52 65-86/4
	Oil Container 0,06 l BV32	GM630031	405 52 65-87/2
	Oil Container 0,125 l BV32	GM630032	405 52 65-88/0

NOTE: At every oil change is also important to change the filter and gasket.

FILTER SEPARATOR POSITION

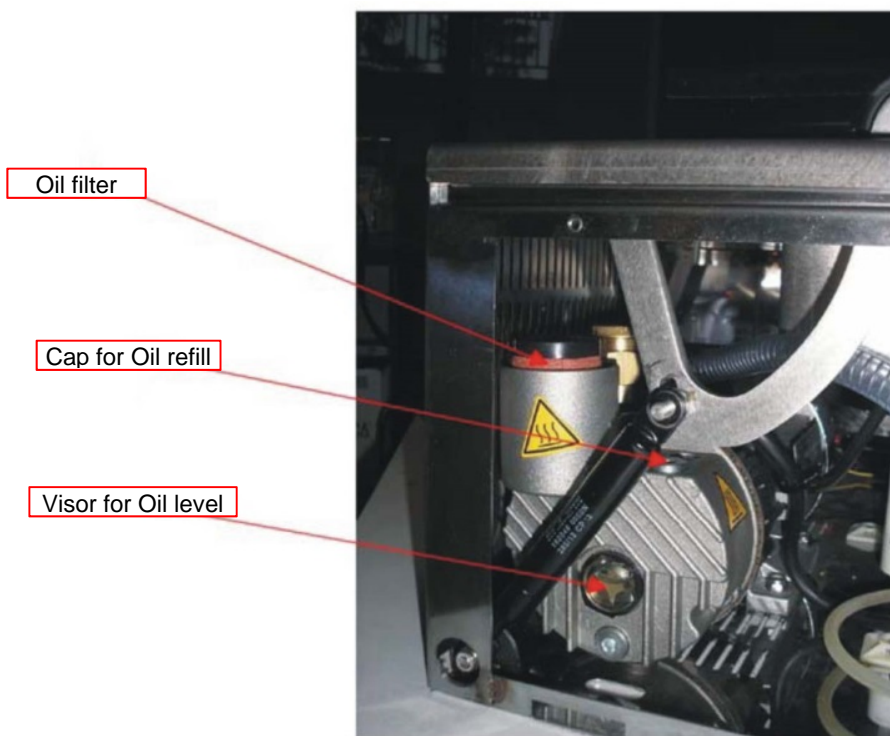


Fig. 2

FILTER SEPARATOR WITH GASKET



Fig. 3

REVISIONS:

Revision	Date	Description	Author	Approved by - on
00	10/2013	Document Creation	FV	