

Oil Change Procedure

Changing oil is easy to perform. Start each job with fresh oil. Change as needed during the job. It is recommended to drain the oil during storage. Always dispose of oil according to local jurisdiction.

ADDING FRESH OIL

1. Ensure the drain valve is closed (horizontal).
2. Unscrew the pump's oil fill cap 1/4 turn counter clockwise.
3. Open a new 8 ounce bottle of Fieldpiece Vacuum Pump Oil (OIL8X3). Put the bottle cap on the side of the bottle (CAP STORAGE).
4. Pour the entire 8 ounce bottle of fresh oil into the oil port and ensure the oil level is between the MIN and MAX lines indicated on the window bezel. Replace oil fill cap.
5. Place the empty bottle under the drain valve so it's ready to gather used oil during the next oil change.
6. Your vacuum pump is now ready to operate.

CHANGING OIL WITH THE PUMP RUNNING

The RunQuick® system maintains a vacuum for about 30 seconds after you drain the oil. *Running the pump for longer than 30 seconds after draining oil could exceed Class I, Division 2 temperature limits; could damage the pump, and will void the warranty.*

1. Ensure an empty oil bottle is located under the oil drain.
2. Open the oil drain valve clockwise (vertical) to empty the oil reservoir of old oil.
3. Close the valve counter clockwise (horizontal).
4. Unscrew the pump's oil fill cap 1/4 turn counter clockwise.
5. Open a new 8 ounce bottle of Fieldpiece Vacuum Pump Oil (OIL8X3). Put the bottle cap on the side of the bottle (CAP STORAGE).
6. Pour the entire 8 ounce bottle of fresh oil into the oil port and ensure the oil level is between the MIN and MAX lines indicated on the window bezel. Replace oil fill cap.
7. Remove and cap the old oil for disposal.
8. Place the empty bottle under the drain valve so it's ready to gather used oil during the next oil change.

DRAINING OIL AT END OF JOB

1. For extended pump life, drain the oil immediately after the job instead of waiting until the beginning of the next job.
2. Ensure the pump oil inside is warm enough, $> 75^{\circ}\text{F}$ ($> 24^{\circ}\text{C}$), for proper drainage. Run the pump for 10 minutes if ambient temp is low.
3. Ensure the motor power switch is turned OFF (0).
4. Plug into power to activate the oil backlight.
For A2L or A3 refrigerants, follow the correct plugging/unplugging procedures. See Setup on page 10.
5. Ensure your old empty oil bottle is located under the oil drain.
6. Open the oil drain valve clockwise (vertical) to empty the oil reservoir of old oil.
7. Close the valve counter clockwise (horizontal).
8. Remove and cap the old oil for disposal.

Dynamic Vacuum Measurement

During the pull down, the system's vacuum level drops faster at the front of the system, near the vacuum pump.

To ensure that your full system achieves the target micron level, place the vacuum gauge as far to the back of the system, away from the pump, as possible.

Remote Exhaust

Unscrew the brass collar on the EXHAUST port and connect an obstruction-free garden hose if you need to exhaust oil mist and vapor remotely to the outside of a building structure.

