



TECHNICAL INFORMATION BULLETIN

2015.003

“How to Take a Used Oil Sample—Vacuum Pump Method”

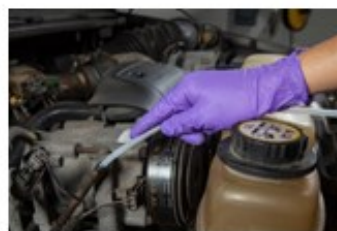
1. Measure appropriate length of tubing according to the length of the dipstick. Add another foot or two. Cut tubing at 45° angle for ease of sampling. Use new tubing for each sample.



2. Remove plastic wrap and cap from sample bottle. Screw sample bottle onto vacuum pump ensuring a good seal.



3. Insert tube into top of vacuum pump and twist knob clockwise to secure tubing and create a tight seal. Make sure that you cannot pull the tubing out.



4. Insert tube into dipstick housing. The length of tubing should be only slightly longer than the length of the dipstick.

5. Now that everything is in place, you are ready to sample. Start with only a couple pumps to pull the sample. Especially if the oil is warm, it will flow fairly quickly into the bottle.



6. Once the bottle is close to full, you can break the seal by either unscrewing the bottle or the knob securing the tubing. Be sure to cap the sample immediately.



7. Discard the tubing appropriately so that it is not reused.



8. Be sure to fill out the entire sample information form for new units and all appropriate information for existing units (or use labels).

9. Place bottle with sample form in sample container.



10. Ship sample ASAP to the address on the sample container for quick analysis turnaround.



Troubleshooting

- If the sample bottle is not filling, check that all seals are tight. The vacuum pump contains an O-ring that sometimes falls out. Check that it is still in place.
- Inserting too much tubing can cause the end of the tube to curl up and out of the oil. Check that the length of tubing inserted is approximately the same length as the dipstick.