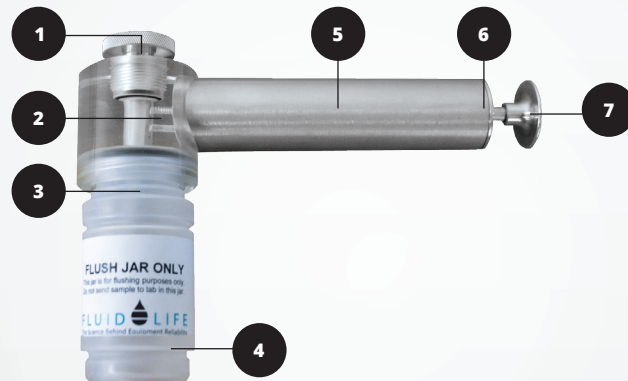


SAMPLING HARDWARE

38U SERIES SAMPLE PUMP



The Fluid Life 38U Sample Pump

1. Tubing inlet
2. Internal Threads & Tube Canal
3. Head
4. Sample Jar (38mm)
5. Plunger Body
6. End Cap
7. Plunger

At Fluid Life, our goal is to put you in control of your oil analysis program with a complete range of collection devices and tools designed to streamline the sample process and help you achieve the most accurate results. This includes the 38U Sample pump, which comes complete with a 38mm suction pump, a roll of heat resistant tubing and a flush jar. We also stock repair kits for use when the suction gun needs to be replaced.

DIRECTIONS FOR USE

The 38U Sample Pump appeals for its ease of use. The following step-by-step guide explains how it works.

- Run the engine sufficiently to warm the oil in the sump, taking into account the sump volume and current oil temperature.
- Once the oil is warm, shut off the engine. Immediately proceed with the sampling procedure before settling occurs in the sump.
- Begin by screwing a sample jar onto the bottom of the pump head.
- Insert the tubing through the top of the pump until it is protruding into the sample bottle by 1–2cm. Tighten the aluminum nut to seal the unit.
- Place the free end of the tubing into whatever it is you are sampling. Insert a new tube through the dipstick or filler neck holes to approximately the midpoint of the oil. Take care not to sample directly from the bottom of the sump to avoid sampling any contaminants that may have settled there (water, glycol etc.). Two to three strokes of the plunger are all that is usually required. Try to keep the pump level and be careful not to draw oil into the plunger body or overfill the bottle, as this will require disassembling and cleaning of the pump. Use only clean, new sample containers, and take care to avoid skin contact with used oil. Do not overfill sample container — aim for it to be approximately 80% full.
- As the oil level in the bottle nears the top, loosen the aluminum nut to break the vacuum and stop the flow. Always leave 1–2cm of air space in the bottle, and be sure to tighten the lid after the sample has cooled.

FLUID LIFE
EQUIPMENT RELIABILITY SERVICES

SAMPLING HARDWARE

38U SERIES SAMPLE PUMP

- Label immediately with full sample details, including unit number, engine type, date, kilometers on oil, kilometers on unit, oil type and grade, and any repairs and/or service during drain interval. remember, too much information is always better than too little.
- A 38mm bottle will have been provided to use for flushing the tubing between samples. Once the tubing is in place you are ready to draw the next sample using the unmarked bottle to draw some oil and flush the previous sample from the tubing.
- Do not delay in shipping the sample to the appropriate analysis laboratory, and avoid stockpiling samples for shipping.

WHY FLUID LIFE?

We're a company that's all Ways reliable. For over 30 years, Fluid Life has strived to set you on the path to reliability with sustainable solutions that make sample extraction as easy and effective as possible. Our selection of premium sample ports, valves, fittings, and pumps are engineered for your long-term success. Whatever your challenge, we have a solution that's right for you.

FLUID LIFE
EQUIPMENT RELIABILITY SERVICES

EDMONTON, AB | BRANTFORD, ON | MINNEAPOLIS, MN | IRVING, TX

TOLL FREE 877.962.2400 www.fluidlife.com

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