

FAQ

CL-12 DRILLING MACHINE

Q: “What type of oil do I use in the CL-12 and where do I check and add the oil?”

A: Use four pints of EP220 Permagear oil, MUELLER #89347 (1 gallon can), in both the front and rear cases.

The machine should be horizontal with the plugs on top when being filled.

The front gear case oil plug (end that attaches to the drilling machine adapter) is located on the face of the torque tube (long body) and is a plug with square wrench flats. The rear gear case oil plug is the holder that is used to store the crank handle located under the tray that houses the two indicators.

Do not overfill the gear cases. The two gear cases are not connected, so filling one will not fill the other.

To check oil, the machine should be horizontal with the plugs 90° from the top and oil should be even with the bottom of the plughole.

Q: “How often should I change the oil in my CL-12 Machine?”

A: A new machine should have its first oil change after ten hours of operation and after each fifty hours of operation thereafter.

Q: “The travel and auto-feed indicators are not working properly.”

A: Check the linkage where the indicator shafts attach to the gearing to make sure they are connected properly.

If the indicators are properly connected, recalibrate the indicators using the instructions in the CL-12 Operating Instruction manual (form 8895, Page 20).

Q: “Which MUELLER shell cutters do I use to cut plastic pipe?”

A: A line of shell cutters with pilot shells is made specifically for plastic pipe (CI O.D. PVC, IPS PVC and PE). These cutters will retain almost all of the chips generated during the cut. Contact your nearest MUELLER Distributor or check your catalog for details.

A: The carbide tipped shell cutters can also be used to cut plastic pipe but these cutters will generate a lot more plastic “chips”. Check ID of pipe and shell cutter O. D. to make sure coupon will be retained.

Q: “Can I use the CL-12 on steam lines?”

A: No. The MUELLER CL-12 Machine is designed for water use.

The CL-12 Machine can be used on pipe containing different types of fluids, but you must check with MUELLER CO. (800-423-1323) for compatibility before using this machine on lines containing fluids other than potable water.

Q: “I noticed there is an “R” and a series of numbers stamped into the outside edge of the flange that attaches to the machine body. What does the “R” and numbers mean?”

A: This means the Machine has been repaired. The numbers represent the date the machine was repaired.

We keep a record of the repair date code and can provide more information about the repair.

Q: “After my machine has automatically disengaged the feed, the cutter still moves clockwise, but the boring bar retracts.”

A: This is a normal function of the CL-12 Machine. This is caused by friction between internal components. Not all CL-12 Machines will do this.

Note: Operating instructions manual for the CL-12 Machine (Form 8895) is available by contacting MUELLER Customer Service Dept. at 1-800-423-1323. This manual is also available on line at www.muellercompany.com.

MUELLER CO. offers a repair and sharpening service for the CL-12 Drilling Machine and cutting equipment. Contact your local MUELLER Distributor for details and pricing.