

INSTALLATION INSTRUCTIONS



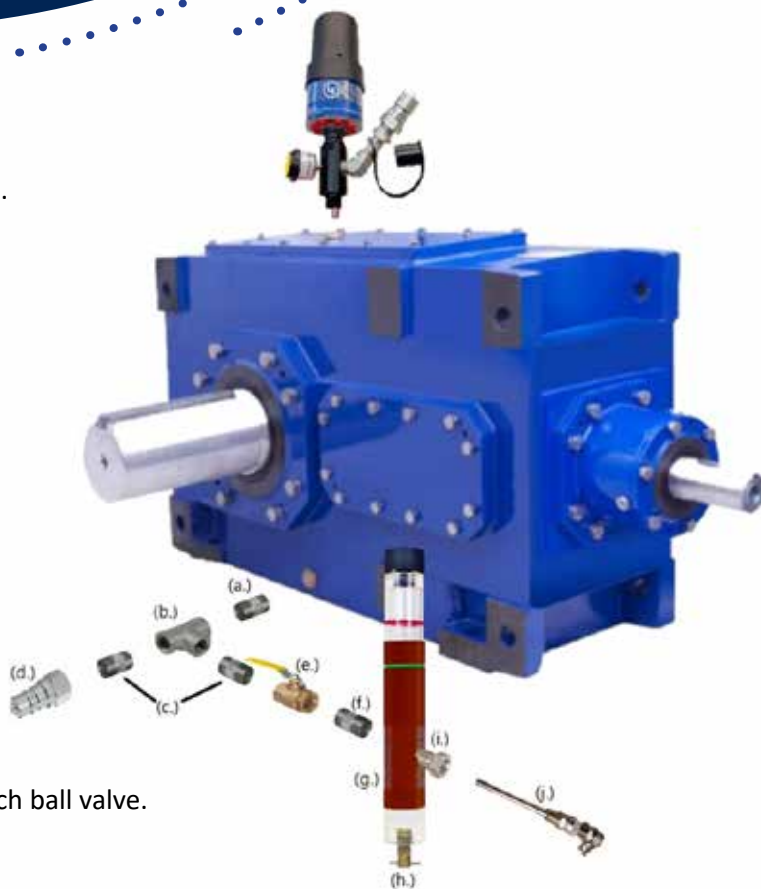
Xtract™ Oil Sight Glass & Level Monitor, Quick Connect & Sample Port

Before Installation

1. Verify that thread size on gearbox drain matches pipe provided for Oil Sight Glass & Level Monitor (OSGL), Quick Connect (QC), and Sample Port (SP) installation.
2. Verify there is adequate clearance both vertically and horizontally for plumbing of OSGL, QC and SP.
3. Drain fluid from gearbox during system shutdown.

Installation

4. Plumb out of drain port on gearbox using steps below (see photo at right):
 - a. Thread close nipple of corresponding size for OSGL directly out of drain port. (It may be necessary to install reducer bushing to accommodate size of drain port.)
 - b. Thread a tee onto the close nipple.
 - c. Thread two more close nipples to openings left on opposite side and top of tee.
 - d. On nipple that is directly in line with drain, install ISO B QC.
 - e. On nipple facing 90 degrees from drain port, attach ball valve.
 - f. After ball valve, install another close nipple.
 - g. Thread OSGL to nipple coming out of ball valve.
 - h. Thread "petcock" to bottom of OSGL.
 - i. Using provided reducer bushing, thread into remaining port on OSGL.
 - j. Carefully insert SP tube through reducer bushing and inline toward ball valve, then thread into bushing. **IMPORTANT:** If tube is too long and interferes with ball valve, remove sample port, trim sample tube to desired length, and reinsert. *The closer the sample port tube is to ball valve without interference, the better!*



Need Help?

Please contact LE Customer Service at 800-537-7683 with any questions regarding installation.

Recommendations

- Use reducers as needed for the gearbox drain port, QC and SP.
- It is also a good idea to use pipe sealant on all pipe connections.



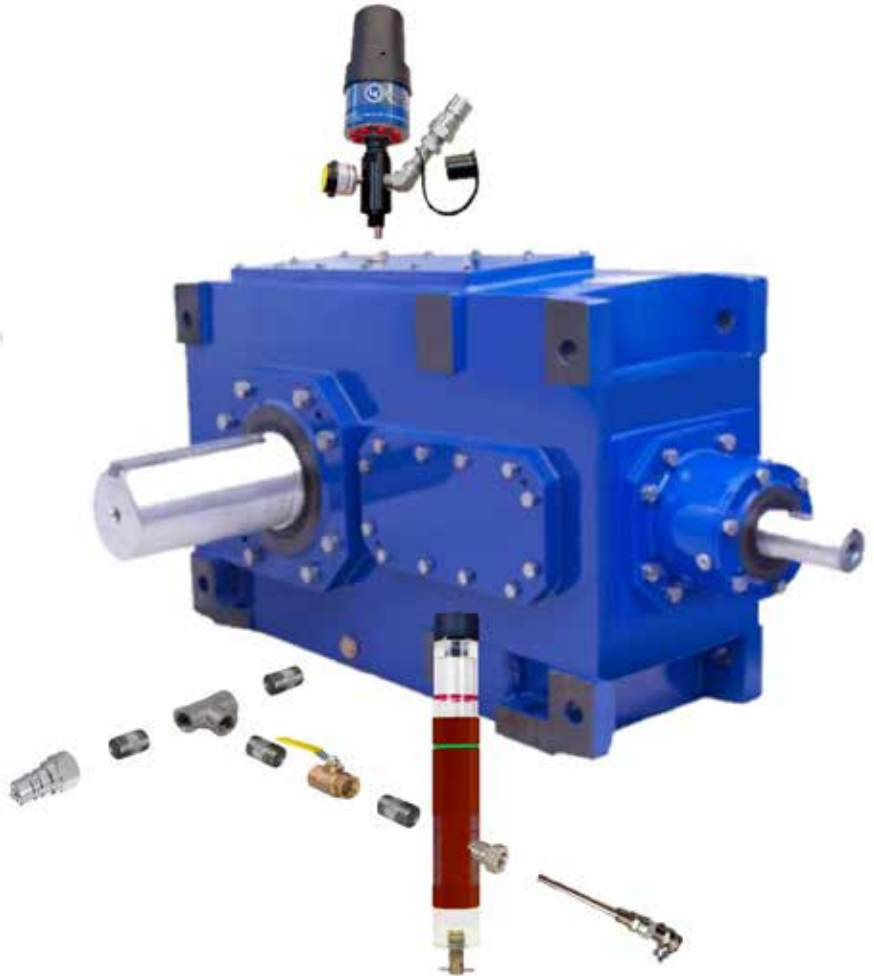
GEARBOX BEST PRACTICES



**Xtract™ Gearbox
Adapter Kit**



**Xtract™ Oil Sight
Glass & Level Monitor**



**ISO B
Quick Connect**



Reducer Bushing



Ball Valve



**Xamine™ Oil
Sample Port**