

INSTALLATION INSTRUCTIONS



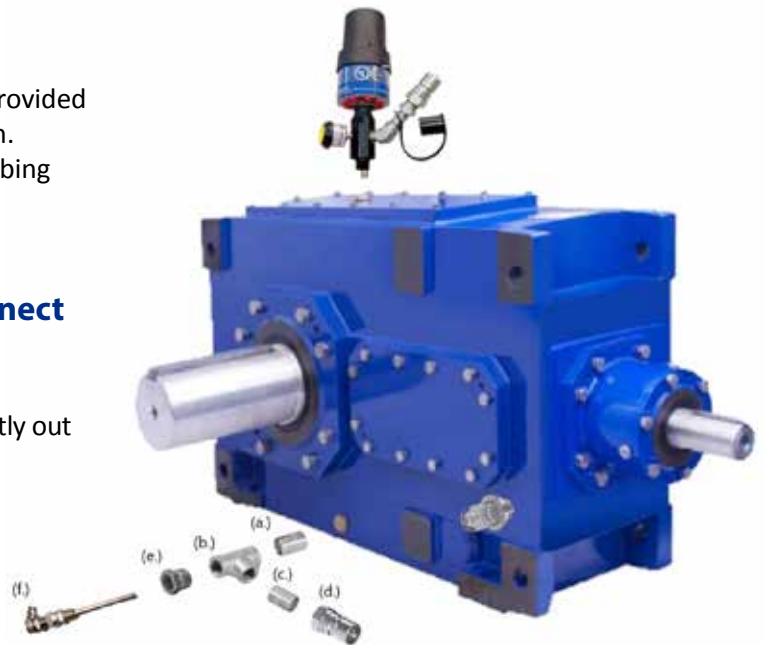
Xtract™ 3-D BullsEye, Quick Connect & Sample Port

Before Installation

1. Verify that thread size on gearbox drain matches pipe provided for Quick Connect (QC) and Sample Port (SP) installation.
2. Verify there is adequate clearance horizontally for plumbing of QC and SP.
3. Drain fluid from gearbox during system shutdown.

Installation of Sample Port & ISO B Quick Connect

4. Plumb out of drain port on gearbox using steps below (see photo at right).
 - a. Thread close nipple of corresponding size for tee directly out of drain port. (It may be necessary to install reducer bushing to accommodate size of drain port.)
 - b. Thread tee onto close nipple.
 - c. Thread close nipple into tee side 90 degrees to drain port.
 - d. Thread 3/4" ISO B QC onto close nipple.
 - e. On tee side that is directly in line with drain, thread bushing reducer.
 - f. Thread sample port into bushing reducer. Pipe should extend toward gearbox sump.



Installation of 3-D BullsEye

1. Remove existing star sight glass.
2. Verify that 3-D BullsEye size and threads match those on gearbox where star sight glass was.
3. Apply pipe dope or Teflon to threads of 3-D BullsEye.
4. Hand-tighten 3-D BullsEye; if there is any evidence of oil leakage, tighten 1/4 turn and re-inspect. Continue the 1/4 turn followed by inspection until there is no oil leakage. When installed properly, 3-D BullsEye can withstand equipment vibration.

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.

Need Help?

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

GEARBOX BEST PRACTICES



**Xtract™ Gearbox
Adapter Kit**



Xtract™ 3-D BullsEye



**ISO B
Quick Connect**



Reducer Bushing



**Xamine™ Oil
Sample Port**