

Technical Pages

ABSTRACT

The mechanical seal leak detection probe is shipped loose in order to protect from damage. This document will provide the procedure for safe installation

PROCEDURE

- 1) Lay pump on its side with the plug on the seal chamber facing upwards.
- 2) Unscrew the plug with the proper wrench, taking care not to damage the sealing surface.
- 3) Verify that seal chamber oil level is within $\frac{1}{4}$ " of the indicated value. Measurement is from oil level to the top of hole. See IOM Manual for seal chamber oil volume, if required.
- 4) Remove the new sealing gasket from package and install it onto the seal probe plug.
- 5) Install the seal probe with gasket into the opening, taking care not to damage the cable. Then tighten the seal probe with the proper wrench until snug. Do not overtighten. Once tight, verify the seal gasket is properly seated and the cable is not pinched or twisted.
NOTE: At installation of the seal probe be careful not to bind the seal probe cord as it is being installed into the pump.
- 6) Lift pump into a vertical position and inspect for any leaks. Secure seal probe cable to pump and power cable with cable ties before installing pump

