



## **Oil Bath Conversion of the Waukesha® Pump**

Bearing failure causes the most damage to the fluid end of the pumps. We feel that contamination (water or dirt) is the biggest cause of bearing failure. By isolating the two contaminants, it should give you better pump service.

## **Pump Operation In The Upright Position**

Check for proper oil level frequently. There are two sight glasses provided. Proper oil level: Oil must be viewed in the upper glass (approximately center of upper shaft)

## **Rotating Pump to Side Mount Position**

First, remove vent plug and plug the hole with a ½” tapered pipe plug.  
Second, rotate pump to side mount position, remove tapered pipe plug and install Breather Vent on the top of the pump. Here you will see the sight glass to view for proper oil level.  
DO NOT remove the bearing isolators because this will result in loss of oil. As you see the grease zerts have been removed. In the Waukesha® pump the grease zerts are a major “contributor” for water contamination in the bearings. Also water can enter the bearings through or around the lip seal (where the lip seal makes contact with the shaft).

We have replaced the lip seal with Specially Designed Bearing Isolators that are designed to eliminate water from entering the bearing through and around the shaft. The isolators are also designed to hold a reservoir of oil, therefore by changing the pump in this manner, it allows us to offer you an oil bath for your Waukesha® pump. We feel that an oil bath for your bearings will give you the Ultimate Lubrication for you pump bearings.