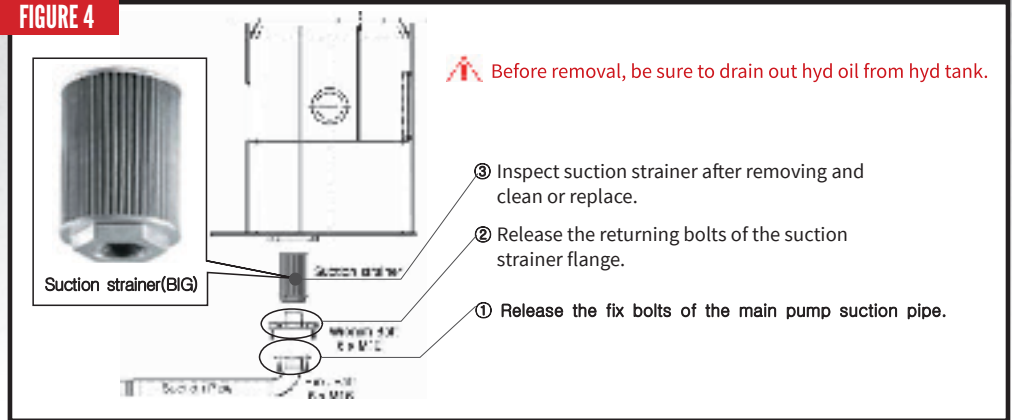


## HYDRAULIC FLUID/FILTER REPLACEMENT AND INTERVALS



The strainer on the suction tube within the tank can be cleaned. The suction strainer can be removed on most pumps through the inspection port on the side or top of the hydraulic tank with a large spanner wrench. In some cases, the strainer will have to be removed from the suction pipe from the bottom of the tank. (See **figure 4**) Magnets can be cleaned within reservoirs.

**FIGURE 4**



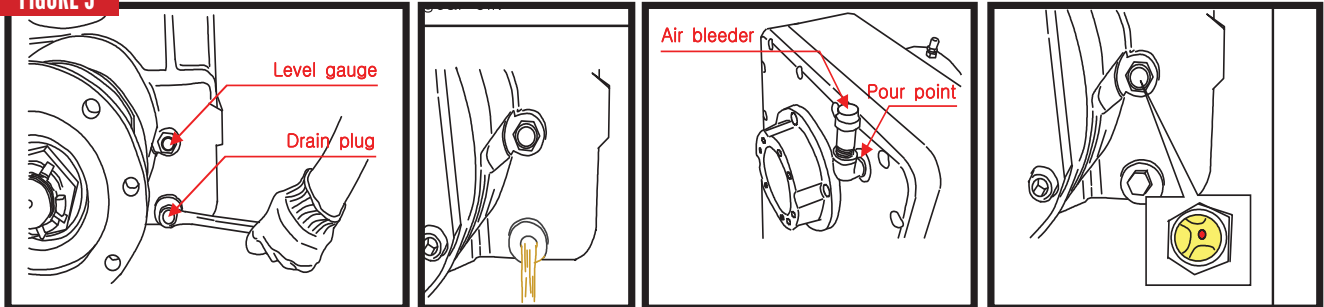
## GEAR OIL

Concrete pumps have a driveline PTO box that is filled with gear oil. The bearings and gears in this box turn in PTO MODE and DRIVE MODE. The bearing and gear life can be shortened if not correctly maintained.

PTO TYPE	CAPACITY
G61	6L (1.6 gal)
G64	8.5L (2.25 gal)

**Recommended gear oil:** 80W90  
**Change interval:** 250 engine hours or 10,000km (6000mi)  
 (How to change area: **see figure 5**)

**FIGURE 5**

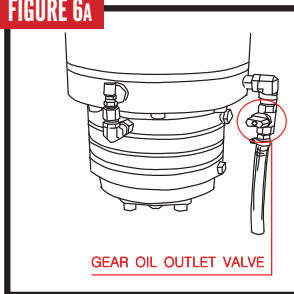


## REDUCTION GEAR ASSEMBLY

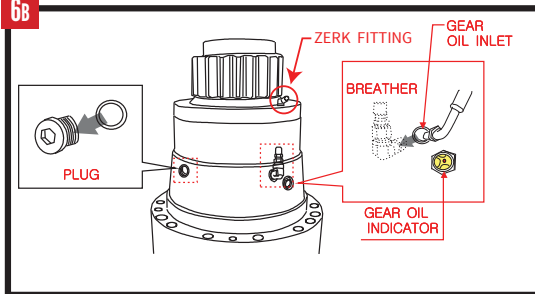
MACHINE TYPE	CAPACITY
JXZZ38-5 – JJRZ63-5*	5.6L (1.5 gal)

\* JJRZ55-5, JJRZ57-5, JXRZ57-5, JJRZ63-5 all have two reduction gear assemblies which require 5.6L (1.5 gal) each.

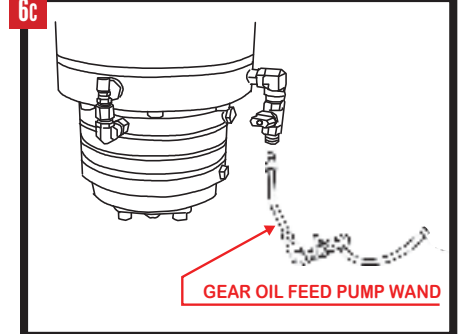
**FIGURE 6A**



**6B**



**6C**



(How to change area: **see figure 6**)

1. Drain the gear oil by opening the reduction gear oil drain valve.
2. Disassemble the breather or remove the left side plug temporarily.

Note: Releasing the plug will speed up the process.

3. If you have a gear oil pump, fill the gear oil via the drain valve. If a gear oil pump is not available, pour gear oil via breather on the top of the reduction gear. (See red box in **figure 6B**) Stop filling once the oil level reaches the top visible indicator.

4. Add grease to the "zerk" fitting under the pinion gear cover.