



Manufactures of
Metering Pumps
Chem Feed Systems
Portable Mixers
Safety Faucets

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RAB SERIES MIXER

GEAR REDUCER INSTRUCTIONS

The gear reducer that you purchased has been filled at the factory with lubrication. The following instructions are important for the successful operation of your mixer gear reducer.

1. VENTING

During operation heat generated by the gear box will cause the air and the lubricant inside the unit to expand. The vent plug is used to equalize the resulting pressure. This plug is shipped loose with gear reducer. To install, remove one of the pipe plugs on top of the gear reducer and replace it with the vent plug.

A. INITIAL OIL CHANGE

The oil in a new speed reducer should be changed at the end of 250 hours of operation. (30 days or 8 hour per day service, 15 days for 16 hour service, 10 days for 24 hour service).

B. SUBSEQUENT OIL CHANGES

Under normal conditions, after the initial oil change, the oil should be changed after every 2,500 hours of operation or every six months, whichever occurs first. Under severe conditions (rapid temperature changes, moist, dirty, or corrosive environment) it may be necessary to change oil at intervals of one to three months. Periodic examination of oil samples from the unit will help establish the appropriate interval.

2. OIL CHANGING

When changing oil for any reason it should be remembered that oils of various types may not be compatible. Therefore, when changing to a different oil it is recommended that the housing be completely drained and thoroughly flushed with a light flushing oil prior to refilling with the appropriate lubricant. The oil level should be rechecked after a short period of operation and adjusted, if necessary.