

Baldor•Dodge Maxum XTR: Preventative Maintenance

C.O. Engineering - Gearing
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General

All maintenance and repair work should be carried out by trained personnel. Perform the following maintenance at the recommended intervals.

First day of operation

1. Check oil temperature – Sump temperature will vary based on operating conditions and cooling method. The gearbox is designed for a maximum oil sump temperature of 200 F (93 C). For water cooled heat exchangers, water flow rate can be adjusted to obtain the desired temperature. Flow rates in the higher range will reduce the oil sump temperature. Check with the cooler manufacturer to determine the allowable flow rates through the cooler.
2. Check for change in noise level
3. Check for oil leaks

After first month or 600 hrs of operation

1. Check oil for water content
2. Change oil
3. Check mounting hardware for tightness
4. Check for oil leaks
5. Clean and reinstall the magnetic drain plugs
6. Re-grease seals
7. Check coupling alignment

Periodically

1. Check oil level
2. Check for leakage
3. Check oil temperature for changes
4. Check for change in noise level
5. Change oil filter (if present)
6. Clean fan (if present)
7. Check for loose fasteners.

Every 6 months or 2500 hours of operation

1. Sample oil and have analyzed for condition and contaminants
2. Change oil every 2,500 hours of operation for mineral oil with R&O additives
3. Change oil every 8,000 hours of operation for synthetic oils Max
4. Replace oil filter (if present)
5. Clean and reinstall magnetic drain plug
6. Check for leaks
7. Re-grease seals
8. Check mounting hardware for tightness
9. Check the cooling system