

# Micro Control Systems

APPLICATION NOTE

APP-077

## Compressor Replacement Procedure

### Revision History

Date	Author	Description
04/20/12	JLB	Created application note

## **Compressor Replacement Procedure:**

1. Install the new compressor
2. Install in the liquid line filter, an acid drier core.
3. Install in the suction filter (if one exists) a new acid drier core.
4. Pull a vacuum on the system down to 700 microns.
5. Fill the compressor oil sump with new oil of the same oil type that was in the original compressor. Use new oil – DO NOT REUSE THE OLD OIL.
6. Fill system with the correct refrigerant.
7. Run the compressor for 48 to 72 hours.
8. Replace all filters.
9. Take an oil sample and send it out for analysis. If analysis is not satisfactory, replace the oil.
10. Run the compressor for 24 hours.
11. Replace all filters.
12. Take an oil sample and send it out for analysis. If analysis is not satisfactory, replace the oil.

Oil test kits can be purchased in most refrigeration supply houses. Make sure the test kit is for the type of oil you are using (mineral or POE oil).