

Compressors:

1. Reciprocating compressors use _____ valves to allow refrigerant to flow into the discharge manifold.
2. The compressor sight glass should be between _____ and _____ full after the unit has operated for _____ minutes in the _____ mode.
3. The unit has lost its ability to cool at low box temperatures and the refrigerant level is correct.
To test the performance of the compressor, perform a _____.
4. To add oil to a compressor, perform a _____ and adjust crankcase pressure slightly _____.
5. Compressor Oil Pressure is determined by subtracting _____ pressure from _____ and should be between _____ and _____ psig.

Contamination and Cleanup

1. What is a contaminant?

2. POE oil is very _____, meaning it loves and will absorb moisture from anywhere, including the air.

3. What are the different oil colors that contaminants can cause, and what causes them?

Color

Cause

Clear or light yellow

Normal

4. Thermo King recommends conducting acid test kits _____ to detect acid in the system as early as possible, reducing system damage.