

## **Compressors**

- ◆ Consider variable speed drive for variable load on positive displacement compressors.
- ◆ Use a synthetic lubricant if the compressor manufacturer permits it.
- ◆ Be sure lubricating oil temperature is not too high (oil degradation and lowered viscosity) and not too low (condensation contamination).
- ◆ Change the oil filter regularly.
- ◆ Periodically inspect compressor intercoolers for proper functioning.
- ◆ Use waste heat from a very large compressor to power an absorption chiller or preheat process or utility feeds.
- ◆ Establish a compressor efficiency-maintenance program. Start with an energy audit and follow-up, then make a compressor efficiency-maintenance program a part of your continuous energy management program.