

SOP for Maintaining a Belt-Driven / Direct Drive Vacuum Pump

- Belt drive pumps use CMP – 19 / Direct drive pumps use CMP – 60.
- **MAKE SURE YOU USE THE CORRECT VISCOSITY** or malfunctions, including **EXPLOSIONS** can occur.
- Before working with any electrical equipment, make sure the item is **OFF** and **UNPLUGGED** from an electrical outlet. Follow any lock-out/tag-out procedures.
- Remove the air filter or cap from the oil inlet at the top of the pump.
- Set the waste oil bucket under the outlet at the bottom of the pump.
- Open up the valve by unscrewing the bolt in the outlet.
- Pour out the oil in the pump, wash with several hundred milliliters of hexanes, and then wash with the correct oil for the pump before sealing the outlet.
- Fill the pump to half-way up the oil level window for a belt drive pump, and fill the direct drive pump to the indicated level on the gauge.
- Dispose of oil waste in the proper container in the waste hood.