ALTERNATE LUBRICANTS. You may use a petroleum-based lubricant that is premium quality, does not contain detergents, contains only anti-rust, anti-oxidation, and anti-foam agents as additives, has a flashpoint of 440°F (227°C) or higher, and has an auto-ignition point of 650°F (343°C) or higher.

See the petroleum lubricant viscosity table below. The table is intended as a general guide only. Heavy duty operating conditions require heavier viscosities. Refer specific operating conditions to your dealer for recommendations.

Temperature Around Unit		Viscosity @ 100°F (37.8°C)		Viscosity Grade	
°F	°C	SUS	Centistokes	ISO	SAE
40 & below	4.4 & below	150	32	32	10
40 - 80	4.4 - 26.7	500	110	100	30
80 - 125	26.7 - 51.0	750	165	150	40

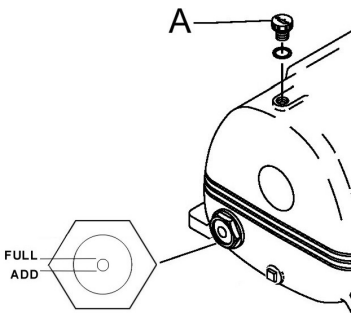
If you use a petroleum-based compressor lubricant at start-up and decide to convert to All Season Select synthetic compressor lubricant later on, the compressor valves must be thoroughly decarbonized and the crankcase must be flushed before conversion.

COMPRESSOR PUMP FILLING PROCEDURES:

⚠ **WARNING** **HAZARDOUS VOLTAGE. Can cause serious injury or death. Disconnect power and Lockout/Tagout machine.**

1. Unscrew and remove the oil fill plug (A).
2. Slowly fill the crankcase with lubricant until the lubricant reaches the “full” level of the sight glass as shown. Crankcase capacity is one (1) pint (0.5 liters).
3. Replace the oil fill plug HAND TIGHT ONLY.

Filling Procedures



OPERATION

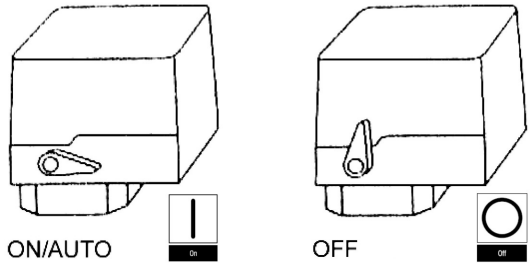
GENERAL

Your air compressor was designed for 100% continuous duty operation with the use of All Season Select synthetic compressor lubricant and 60% continuous duty operation with the use of petroleum lubricant. In other words, synthetic lubricant allows the compressor to pump continuously without cycling. Petroleum lubricant limits the compressor to a maximum of 36 minutes of pumping time per hour. The compressor should not cycle more than 10 times per hour.

NORMAL START-UP

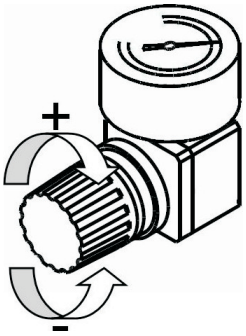
1. Set the pressure switch lever to “OFF”.

Pressure Switch Lever



2. Close the regulator by turning it fully counterclockwise (-).

Regulator



3. Attach hose and accessory.
4. Move the pressure switch lever to “ON/AUTO”. The unit will start.
5. Allow tank pressure to build. The motor will stop when tank pressure reaches cut-out pressure.
6. Adjust the regulator to the desired secondary pressure by turning it clockwise (+) to increase the pressure or counterclockwise (-) to decrease the pressure.

NOTE: **When the receiver tank pressure drops below the factory pre-set minimum, the pressure switch resets and restarts the unit.**

SHUTDOWN

1. Set the pressure switch lever to “OFF”.
2. Close the service valve fully.
3. Remove the air tool or accessory.
4. Slowly open the service valve to bleed air pressure down to 20 psig.
5. Slowly open the manual drain valve at the bottom of the tank to drain all condensate (water).
6. Close the drain valve and the service valve for the next use.
7. Wrap the power cord firmly around the handle.
8. Store the unit indoors.