

# Changeover Procedure For Rotary Screw Air Compressor



## Petroleum Oil to PAO/Partial Synthetic/Diester/Polyolester

1. Obtain a used oil sample to determine a base line report on any pre-existing conditions.
2. Pre-treat the existing oil charge for a minimum of 20-30 hours with a 10% concentration of Summit Varnasolv.
3. Complete drain while oil is warm.
4. Change the oil filter, air/oil separator (demister) and drain as much oil as possible from the air end, oil lines, and oil cooler (if installed).
5. Charge with new Summit synthetic oil.

## Polyglycol to Petroleum/PAO/Partial Synthetic

1. Obtain a used oil sample to determine a base line report on any pre-existing conditions.
2. Drain unit of the old oil as completely as possible and refill with a half-charge of Summit DSL® as a flushing oil.
3. The unit should be operated under normal conditions for at least 30 minutes.
4. Complete drain while the oil is warm. Drain as much oil as possible from the air end, oil lines, air/oil separator, and oil aftercooler.
5. The oil filter and air/oil separator (demister aka coalescing element) should be changed.
6. Refill the unit with a new charge of Summit Petroleum/PAO/Partial Synthetic product.

## Polyglycol to Summit Ultima®

1. Obtain a used oil sample to determine a base line report on any pre-existing conditions.
2. Drain the existing oil charge as completely as possible from the air end, oil lines, air/oil separator, and oil cooler (if installed).
3. Replace the oil with a fresh charge of Summit Ultima®. Changing the oil filter is recommended.
4. Depending on hour-level, OEM recommendations and differential pressure readings, one may leave the current air/oil separator (demister) in service.

## FG Petroleum/Synthetic to Summit FG Elite

1. Obtain a used oil sample to determine a base line report on any pre-existing conditions.
2. Pre-treat the existing oil charge for a minimum of 20-30 hours with a 10% concentration of Summit Varnasolv. Run unit unloaded.
3. Complete drain while oil is warm.
4. Flush the system by refilling with sufficient Summit FG Elite 46 so as not to activate the low oil level switch and operate for approximately 15-30 minutes.
5. Drain completely to restore a NSF H1 operational status for the air supply.
6. Change the oil filter, air/oil separator (demister) and drain as much oil as possible from the air end, oil lines, and oil cooler (if installed).
7. Refill with a new full charge of Summit FG Elite.