

**Worthington  
3V Compressors  
Lubricating Oil and CFM Information**

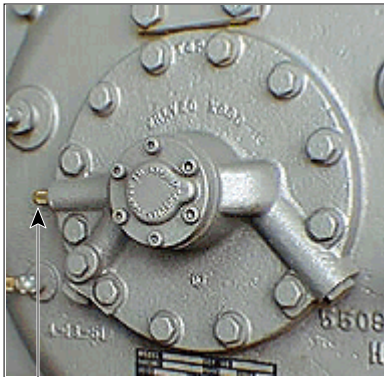
Cylinders	Oil Charge Open Shaft	Oil Charge Hermetic	CFM * Std Stroke	CFM * Ext Stroke
3	40 Pints	45 Pints	69.3	86.7
4	40 Pints	45 Pints	92.4	115.6
5	44 Pints	45 Pints	115.5	144.4
6	44 Pints	47 Pints	138.6	173.3
7	48 Pints	49 Pints	161.7	202.2
8	48 Pints	49 Pints	184.9	231.1

\* CFM @ 1750 RPM

3V = Standard Stroke (3 1/4 inch bore x 2 3/4 inch stroke)

3VX = Extended Stroke (3 1/4 inch bore x 3 7/16 inch stroke)

8 pints = 1 gallon



Oil Pressure Port.

Characteristics	Specifications
Viscosity @ 100° F	200 to 300 SUS
Gravity	20.4 to 22.4 API
Pour Point	-25° F maximum
Flash Point	350° to 360° F (ASTM)
Fire Point	400° to 420° F
Color	2 max (ASTM)
Dielectric Strength	25 kilovolts min
Steam Emulsion Number	70 max
Naturalization Number	Neutral
Slight Oxidation	10 to 20
Floc Text for Wax	-50° F maximum

These are the original lubricating oil specifications for the 3V compressor family. Dallas Hermetic recommends the use of Zerol (tm) 300 refrigeration oil or Trane (tm) Oil-15 to prevent the swelling of unloader "O" rings.

Operating Oil Pressure
30 to 60 psi above suction psig