



Schaeffer Manufacturing Co. DuQuoin
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Venom® Synthetic Compressor Oils

Venom® synthetic compressor oils are full synthetic fluids designed for use in rotary screw air compressors under harsh operating conditions. Hicks Oils' synthetic compressor oils provide excellent oxidation stability and sludge control which helps extend the life of the equipment.

Using advanced additive technology, Hicks Oils is able to blend synthetic compressor oils using group III base stocks versus competitors PAO products without sacrificing on performance. This approach to formulating with leading edge technologies gives Hicks Oils the ability to offer top tier products that keep our customer's ahead of the curve.

Performance Benefits:

- Ashless formulation
- Extended oil change intervals
- Excellent compatibility with seals and air line systems
- Low volatility, high oxidation protection and thermal stability
- Excellent wear and corrosion protection

Bench Test Performance (ISO 32):

4 Ball Wear, ASTM D4172, mm	0.34
TOST, ASTM D943, hr	7269
RPVOT, IP 229, min	1581
Conradson Carbon, ASTM D 189,%	0.03
Ash Content, ASTM D874, %	<0.05

Application:

Hicks Oils' synthetic compressor oil is designed for use in rotary screw air compressors calling for a long life ashless antiwear compressor oil, and also meets the requirements of:

- DIN 51506 VDL
- DIN 51524 HLP
- GM LJ
- SAE MS-1003-2

Typical Properties:

Product:	Synthetic Compressor Oils					
Product Code	90248	90205	90206	90207	90208	90209
ISO Viscosity Grade	22	32	46	68	100	150
SAE Viscosity Grade	5	10	20	30	40	50
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	4.5	5.8	7.5	9.7	13.2	18.8
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	22.0	32.0	46.0	68.0	100.0	150.0
Viscosity Index (ASTM D-2270)	120	125	128	125	130	142