



Hicks Oils  
845 N. Hickory  
DuQuoin, IL 62832

Sales: (314) 525-2568  
Operations: (618) 542-5431



**Venom®** Synthetic 5W-40 diesel engine oil has been formulated with API CJ-4/SN motor oil technology. In general, synthetic motor oils show a marked improvement in the areas of thermal stability and low temperature pumpability over conventional oils. Venom® Synthetic 5W-40 uses high quality synthetic base stock blended with current API CJ-4 quality additives to create premium motor oils for use in diesel engines.

Venom® 5W-40 Synthetic motor oil has been formulated with high quality additives that meet the following specifications.

- API CJ-4/SN (and previous API diesel specifications (CI-4+, CI-4, etc...))
- Mack EO-O Premium Plus
- Detroit Diesel DFS 93K218
- Volvo VDS-4
- Renault VI RLD-3
- Cummins CES 20081
- CAT: ECF-3, ECF-2, ECF 1-a
- ACEA: E9-08, E7-08
- Mercedes-Benz Sheet 228.31

### Typical Properties:

Product:	Venom Synthetic SN/ CJ-4 5W-40
Product Code:	90642
SAE Viscosity Grade	5W-40
Total Base Number (ASTM D-2896)	9.3
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	15.1
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	95.2
Viscosity Index (ASTM D-2270)	168
Zn, wt% (ASTM D-4628)	0.132
Ca, wt% (ASTM D-4628)	0.236
P, wt% (ASTM D-4628)	0.120