

## 9040 SUPREME 9000 FULL SYNTHETIC ENGINE OIL SAE 0W-40

Supreme 9000 SAE 0W-40 is a premium quality full synthetic, multi-grade engine oil that is specifically formulated to protect critical engine parts from damaging friction and wear, provide enhanced protection against the formation of sludge and deposits, provide increased engine efficiency and fuel economy benefits and extend engine life.

Supreme 9000 Full Synthetic SAE 0W-40 meets the needs of Chrysler 6.1L, 6.2L Hellcat Supercharged and 6.4L SRT engines, where Chrysler MS-12633 is specified. Supreme 9000 SAE 0W-40 may also be used in SRT engines originally recommending Chrysler MS-10725 and MS-10850.

Supreme 9000 Full Synthetic SAE 0W-40 is blended from a unique combination of select synthetic base fluids. A highly advanced proprietary performance additive package and a highly shear stable viscosity index improver are blended into these base stocks.

Further blended into Supreme 9000 Full Synthetic Engine Oil SAE 0W-40 are two proven frictional modifiers, Micron Moly<sup>®</sup>, a liquid soluble type of moly, and Schaeffer Manufacturing's own proprietary additive Penetro<sup>®</sup>. Once plated, these frictional modifiers form a long lasting, slippery, tenacious lubricant film, which prevents metal-to-metal contact and damaging frictional wear.

- **WEAR PROTECTION**
  - Advanced stable zinc anti-wear additive system.
  - Protection against the formation of coking deposits on turbochargers.
  - Hydro-Ethanol inhibitors to reduce the formation of rust and white sludge.
- **OXIDATION/THERMAL STABILITY**
  - Exceptional oxidative stability
  - Resistance to thermal degradation to reduce high temperature engine deposits.
  - Extended oil drain capability and intervals.
  - Low volatility characteristics for reduced oil consumption.
- **FUEL ECONOMY AND EMISSIONS**
  - Low coefficients of friction.
  - High detergency and dispersancy to suppress the formation of deposits, sludge, and varnish buildup to help maintain engine performance, fuel economy, and emissions.
  - Enhanced vehicle emissions control system compatibility and extended control system life.
  - Increased fuel economy benefits during the oil's entire oil drain interval.
- **LOW TEMPERATURE PERFORMANCE**
  - Excellent low temperature flow characteristics and pumpability to provide rapid circulation and minimize wear during start up.

### Meets and exceeds the following specifications and manufacturers' requirements:

- API Service Classification SN
- Chrysler MS-12633
- Chrysler MS-10850
- Chrysler MS-10725

***Supreme 9000 Full Synthetic Engine Oil SAE 0W-40 is not recommended for use in those applications that specify engine oil that meets JASO MA, MA-2 or MB.***

***Use of Supreme 9000 Full Synthetic Engine Oil SAE 0W-40 in applications that specify JASO MA, MA-2 or MB oil can cause slippage and improper engagement of the clutch mechanisms.***

**Supreme 9000 Full Synthetic Engine Oil SAE 0W-40 is also not recommended for use in 4-cycle marine engines that specify the use of a NMMA FC or FC-W four cycle engine oil.**

## TYPICAL PROPERTIES

<b>SAE Grade</b>	<b>0W-40</b>
Viscosity @ 40°C, cSt (ASTM D445)	72.0-87.5
Viscosity @ 100°C, cSt (ASTM D445)	13.5-14.7
Cold Crank Viscosity @ -35°C, cP (ASTM D5293)	4347
Mini Rotary Viscosity TP-1 @ -40°C, cP (ASTM D4684)	21,800
HTHS Viscosity @ 150°C (ASTM D4683)	3.73
Viscosity Index (ASTM D2270)	185
Flash Point °F (°C) (ASTM D92)	442° (228°)
Pour Point °F (°C) (ASTM D5950)	<-59.9°(<-51.11°)
Total Base Number (ASTM D2896)	7.1
Sulfated Ash Content, % wt. (ASTM D874)	0.8
Shear Stability 30 passes (ASTM D6278)	
% Viscosity Loss	12.2%
NOACK Volatility (ASTM D5800)	
% Evaporative Loss	11.8
MHT-4 TEOST (ASTM D7907)	
Deposit Weight, mg	33
Foam Test (ASTM D892)	
Sequence I	0/0
Sequence II	0/0
Sequence III	0/0
%wt. Zinc(ppm), ICP	<0.09% (900 ppm)
%wt. Phosphorous (ppm), ICP	<0.08% (800 ppm)