

## 4530 SynShield® Classic Performance Synthetic Plus 5W-30

SynShield® Classic Performance Synthetic Plus SAE 5W-30 is a premium quality synthetic plus, multi-grade engine oil that is specifically formulated to protect gasoline fueled automobile and light duty trucks, including those that are turbocharged and/or supercharged.

SynShield® Classic Performance Synthetic Plus SAE 5W-30 provides superior protection for older vehicles not requiring a full synthetic oil.

SynShield® Classic Performance Synthetic Plus SAE 5W-30 is blended from a unique combination of select synthetic plus base fluids, advanced additive package and highly shear stable viscosity index improver to provide the following advantages:

### PERFORMANCE

- Protects against engine wear
- Decreased oil consumption
- Improved oxidation stability and reduced deposits, sludge and varnish
- Increased engine fuel economy benefits

### DEPOSIT PROTECTION

- Maintains engine cleanliness and efficiency
- Protects against sludge and varnish formation
- Protects turbocharger from excessive deposit formation

### WEAR PROTECTION

- Superior protection against rust and corrosion
- Substantial wear protection to reduce wear and damage to critical engine parts
- Superior Low-Speed Pre-ignition (LSPI) protection even as oil ages
- Lower timing chain and intake valve wear
- Protection from metal-to-metal contact across a wide operating temperature range.

SynShield® Classic Performance Synthetic Plus SAE 5W-30 also contains two proven frictional modifiers Micron Moly® and Schaeffer Mfg's own proprietary additive Penetro®. These two proven frictional modifiers once plated form a long lasting, slippery, tenacious lubricant film, which prevents the metal surfaces from coming into contact with each other. By preventing metal-to-metal contact, damaging frictional wear is reduced which results in reduced wear, increased engine life and lower maintenance costs.

SynShield® Classic Performance Synthetic Plus SAE 5W-30 is formulated for use in the following applications: API Service Classification SQ, Resource Conserving; ILSAC GF-7A; MIL-PRF-46152E; CID A-A-52039B; Ford WSS-M2C909-A1, WSS-M2C946-A, WSS-M2C946-B1 and WSS-M2C929-A; General Motors 6094M; and Chrysler MS-6395 and MS-9214.

*Using Schaeffer lubricants does not void your new vehicle warranty or equipment manufacturer's warranty. All Schaeffer lubricants are covered by our Limited Warranty.*

## TYPICAL PROPERTIES

<b>SAE Grade</b>	<b>5W-30</b>
Specific Gravity (ASTM D1298)	0.8568
Viscosity @ 40°C, cSt (ASTM D445)	62.0-71.0
Viscosity @ 100°C, cSt (ASTM D445)	11.0-12.49
Viscosity Index (ASTM D2270)	172
High Temperature/High Shear Viscosity 302°F/150°C (ASTM D4683), cP	3.0
Cold Cranking Viscosity (ASTM D5293) @-30°C, cP	5,029
Mini Rotary Viscosity TP-1 @ -35°, cP (ASTM D4683)	18,800
Flash Point °F/°C (ASTM D93) Pensky-Martens Closed Cup	395.6°/202°
Stable Pour Point °F/°C (FTM 7916 Method 203)	<-41°/<-42°
Total Base Number (ASTM D2896)	7.7
Sulfated Ash Content % wt (ASTM D874)	0.8%
Shear Stability (ASTM D6278) Minimum 8.5	8.78
Copper Strip Corrosion Test (ASTM D130)	1a
NOACK Volatility %Evaporation Loss (ASTM D5800)	11.7%
Foam Test (ASTM D892)	
Sequence I	0/0
Sequence II	0/0
Sequence III	0/0
High Temperature Foam Test (ASTM D6082 Option A)	10/0
Engine Rusting Ball and Rust Test (ASTM D6557)	124
Average Gray Value	
% Phosphorous (ASTM D4951)	0.074