

4030 SynShield® Classic Performance Synthetic Plus 10W-30

SynShield® Classic Performance Synthetic Plus SAE 10W-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 10W-30 provides superior protection for older vehicles not requiring a full synthetic oil.

SynShield® Classic Performance Synthetic Plus SAE 10W-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 10W-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 10W-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 WSE-M2C909-A2, General Motors 6094M; and Chrysler MS-6395 and MS-9214 and older foreign and manufacturers specifications.

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

SAE Grade	10W-30
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)	140
High Temperature/High Shear Viscosity 302°F/150°C (ASTM D4683), cP	3.1
Cold Cranking Viscosity (ASTM D5293) @-30°C, cP	5,878
Mini Rotary Viscosity TP-1 @ -35°, cP (ASTM D4683)	18,000
Flash Point °F/°C (ASTM D93) Pensky-Martens Closed Cup	397.4°/202°
Stable Pour Point °F/°C (FTM 7916 Method 203)	<-41°/ <-42°
Total Base Number (ASTM D2896)	8.0
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)	8.9%
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) Average Gray Value	124
% Phosphorous (ASTM D4951)	0.076