

8008 ADVANCED EUROPEAN PERFORMANCE MID SAPS SAE 5W-30

Advanced European Performance Mid SAPS SAE 5W-30 premium Top Tier, multi-grade full synthetic engine oil specifically formulated to meet the needs of highly tuned and advanced four-cylinder European gasoline engines (with or without catalytic convertors), diesel passenger cars fitted with diesel particulate filters and light commercial vehicles that are naturally aspirated or turbocharged.

Advanced European Performance Mid SAPS SAE 5W-30 is blended from a unique combination of select synthetic base fluids, an advanced additive package, and highly shear-stable viscosity index improver to provide the following advantages:

PERFORMANCE

- Enhanced film strength at high operating temperatures
- Low coefficients of traction, which result in improved fuel economy benefits.
- Extended engine life and oil drain intervals
- Excellent viscosity control and resistance to thinning at high engine operating temperatures
- Excellent shear stability to resist viscosity shear down and breakdown
- Excellent high temperature/high shear performance to provide excellent oil film thickness and engine protection at high operating temperatures and shear rates, while minimizing lubricant frictional resistance
- Protects vehicle emission system components

DEPOSIT PROTECTION

- High detergency and dispersancy to suppress the formation of deposits, sludge and varnish buildup to help maintain engine performance, fuel economy and emissions
- Exceptional protection against the formation of coking deposits on turbochargers
- Exceptional oxidative stability and protection against oxidative thickening
- Exceptional resistance to thermal degradation to prevent the formation of high temperature engine deposits
- Provides excellent cleanliness for pistons and critical engine parts

WEAR PROTECTION

- Outstanding rust and corrosion protection
- Substantial reductions in ring, cylinder liner, bearing and valve-train wear for increased engine life
- Excellent light duty diesel engine performance for modern direct injection engines with diesel particulate filters
- Unsurpassed levels of protection across a variety of driving conditions and temperatures thus providing maximum short- and long-term engine performance
- Exceptional low volatility characteristics provide enhanced oil consumption control and prevention of the formation of deposits on critical engine parts
- Excellent low temperature flow characteristics and pumpability provides rapid circulation to minimize wear during cold weather start-up
- Substantial wear protection to reduce wear and damage to critical engine parts

Advanced European Performance Mid SAPS 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 meeting 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.

Advanced European Performance Mid SAPS SAE 5W-30 is formulated for use in the following applications: API Service Classification SP, Resource Conserving; ACEA C2-2023, C3-2023; BMW* LL-04; MB* 229.31, 229.51, 229.52; Porsche* C30; Volkswagen* 504.00/507.00, 505.00/505.01.

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

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TYPICAL PROPERTIES

SAE Grade	5W-30
Specific Gravity (ASTM D1298)	0.861
Viscosity @ 40°C, cSt (ASTM D445)	59.98
Viscosity @ 100°C, cSt (ASTM D445)	10.59
Viscosity Index (ASTM D2270)	168
High Temperature/High Shear Viscosity 302°F/150°C (ASTM D4683), cP	3.6
Cold Cranking Viscosity (ASTM D5293) @-30°C, cP	4087
Mini Rotary Viscosity TP-1 @ -35°, cP (ASTM D4683)	26,000
Flash Point °F/°C (ASTM D92)	435°/224°
Pour Point °F/°C (ASTM D5950)	-45.4°/-43°
Sulfated Ash Content % wt (ASTM D874)	0.8%
NOACK Volatility %Evaporation Loss (ASTM D5800)	10%
Phosphorous, ppm (ASTM D4951)	600 - 800
Zinc, ppm (ASTM D4951)	700 - <900