



Technical Data Sheet

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HOT SHOT'S SECRET 5W-30 GRAY DIAMOND EUROPEAN SPEC SYNTHETIC Engine Oil

Product Overview 5W-30 Gray Diamond European Spec is a 100% full synthetic oil using only Group III base oils. The infusion of our patented FR3 Nano Technology and high-performance additive package provides unsurpassed levels of longevity and performance, while keeping the oil cleaner longer and providing better mileage and horsepower. 5W-30 Gray Diamond European Spec was formulated to meet and exceed the stringent requirements of high-performance European vehicles. The heat resistance and cleaning properties of Gray Diamond European Spec is also great for turbochargers, keeping them cool and free from deposits.

5W-30 Gray Diamond European Spec is fully formulated SN motor oil with an emissions safe detergent package with exceptional oxidation and thermal stability. 5W-30 Gray Diamond European Spec excels in preventing deposits and oil breakdown and making longer European spec drain intervals possible. In addition to exceeding the API SN specification, the 5W-30 Gray Diamond European Spec meets the requirements for many European manufacturers.

Applications and Uses 5W-30 Gray Diamond European Spec is recommended for gasoline and light-duty diesel automobiles where a mid-SAPS (Sulfated Ash, Phosphorus, Sulfur) 5W-30 oil is required.

OEM Performance

- API SN, SM
- ACEA C3
- BMW LL-04
- Chrysler MS-11106
- GM Dexos 2
- Mercedes Benz MB 229.51
- Porsche C30
- Volkswagon VW 504.00, 507.00



Benefits

- Improves Cold Weather Starting compared to Conventional Oils
- Improves Fuel Economy up to 3%
- Safe for Diesel Particulate Filters (DPF)
- Safe for Three Way Catalyst (TWC) devices
- Improves Power
- Increases Film Strength
- Improved Oxidation Stability
- Improved Aeration Control
- Widens Operating Temperature Range
- Reduces wear
- Reduces DPF Plugging
- Reduces Shearing
- Reduces Friction
- Reduces Deposit Formation
- Reduces Noise and Vibration
- Extends Turbo and Engine Life
- Formulated for extended European spec drain intervals

5W-30 Green Diamond European Spec can be run safely for the entire European manufacturer’s recommended oil drain specifications with less wear and higher fuel mileage than other oils.

Packaging

- Available in:
- 1 quart bottle
 - 55 gallon drum
 - 275 gallon tote

Typical Properties

Property	Test Method	Result
Total Base Number, mg/g	D-2896	8.3
Cold Crank Simulator, cP	D-5293	5940 (-30)
Viscosity at 40°C, cSt	D-445	68.0
Viscosity at 100°C, cSt	D-445	11.5
Viscosity Index	D-2270	164
Noack, wt loss %	D-5800	7.0%
HTHS (cP)	D-5481	3.6
Flash Point, °C (°F) (COC)	D-92	228°C (442°F)
Fire Point, °C (°F)	D-92	250°C (482°F)
Pour Point, °C (°F)	D-97	-53°C (-63°F)

The Safety Data Sheet is available at <http://www.hotshotsecret.com/print-documents/>