



LIQUID ENGINEERING: THE CASTROL GUIDE TO AUTOMOTIVE LUBRICATION



IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.™



www.castrol.com/us

FIND THE RIGHT OIL FOR YOUR VEHICLE...RIGHT HERE

Which Castrol Brand is Right for Your Vehicle?

Castrol GTX

- Unique anti-sludge technology provides superior protection against sludge build-up*
- Exceeds demanding U.S. requirements for viscosity breakdown protection
- Engineered with anti-oxidants, detergents, and dispersants to deliver unsurpassed protection against thermal breakdown
- Exceeds passenger car and gasoline light truck requirements for the protection of gasoline and turbocharged engines where API SM, SL, SJ, or SH is recommended

* Among leading 5W-30s and 10W-30s



CONVENTIONAL

Castrol GTX HIGH MILEAGE

- Helps extend the life of vehicles with over 75,000 miles
- Provides superior protection against oil burn-off...17% better than the leading conventional oils*
- Contains seal conditioners to help reduce oil leakage
- Protects against wear and harmful deposits in higher mileage engines
- Engineered with proprietary additives to minimize compression loss and maximize engine performance

* NOACK volatility test of leading 10W-30s



HIGH MILEAGE

Castrol SYNTEC BLEND

- Specially formulated to provide superior short-trip protection*
- Engineered with Castrol GTX technology and Castrol SYNTEC molecular components
- Offers unsurpassed protection against engine wear caused by frequent short-trip driving*
- Provides high level of fuel economy based on U.S. industry standards **
- Adds greater stability and protection against thermal breakdown compared to conventional oils
- Prevents harmful engine deposits

* In 5W-30 and 10W-30 grades

** 5W-20, 5W-30 and 10W-30 grades



SYNTHETIC BLEND

Castrol SYNTEC

- In extreme torture tests, Castrol SYNTEC 5W-30 maintained maximum horsepower 29% longer than the leading conventional 5W-30*
- Contains powerful additives that help prevent deposit formation
- Neutralizes acids in your engine that can cause rust and corrosion on vital engine parts such as cylinders, bearings, and hydraulic valve lifters
- Meets the world's toughest gasoline engine protection requirements
- Provides stability and endurance under extreme conditions (heat, load, speed)
- Delivers the ultimate performance under high-temperature conditions: unsurpassed protection against volatility burn-off and viscosity increase

* SYNTEC 5W-30; results based on statistically significant values



FULL SYNTHETIC

For more information about the premium products and services that Castrol offers, visit www.castrol.com/us



© 2007 YMI, Inc. Created for BP Lubricants USA Inc. Castrol, the Castrol logo, GTX and SYNTEC are trademarks of Castrol Limited, used under license. © 2007 BP Lubricants USA Inc.

Fill It Up

Remember to check the following fluids and/or lubricants on a vehicle whenever you do an oil change, and replenish/fill to proper level when necessary.



Automatic transmission fluid:

Assists lubrication and operation in automatic transmissions. Many car manufacturers recommend changing your automatic transmission fluid every 15,000 to 30,000 miles. Check your owner's manual for recommended change intervals and recommended type of fluid.

Castrol's line of automatic transmission fluids (ATF) is designed to meet a broad range of performance requirements and engineered to maximize the life of your transmission. They include: DEXRON®-VI, Domestic Multi-Vehicle, Import Multi-Vehicle, MERCON® V, ATF+4®, and Type F.



Brake fluid:

Essential for proper function of the brakes (check owner's manual for the exact type needed for your vehicle).

Castrol GT LMA Brake Fluid is recommended for U.S. and foreign vehicles with DOT 3 and DOT 4 requirements, including GM, Ford, and Chrysler, and is ideally suited for Audi, BMW, Jaguar, Mercedes-Benz, Porsche, Saab, Volkswagen, Volvo, Honda, Acura, and many other brake systems.



Gear oils:

Gear oils are designed to withstand the demanding conditions of certain transmissions, transfer cases, and differentials in automobiles, trucks, and other machinery.

Castrol's line of gear oils utilizes premium gear oil technology to deliver excellent anti-wear, anti-scuff, and extreme pressure performance. All Castrol Gear Oils exceed API Service GL-5 to deliver in the most severe extreme pressure situations.



Greases:

A lubricant composed of a fluid lubricant thickened with a material that contributes a degree of plasticity. Greases are typically used in areas where a continuous supply of oil cannot be retained, such as open bearings or chassis components.

Castrol greases are engineered to protect against heat and corrosion. Castrol greases are NLGI #2, lithium complex, or lithium-based for high performance in automotive and light truck applications. For commercial applications, please see the full line of Castrol heavy duty greases.



Power steering fluid:

Provides a vital link in the steering system (the pump can usually be found behind the fan belt).

Castrol GT Power Steering Fluid is recommended for complete fluid replacement and "top-up" in most cars and light trucks. It helps prevent leaks, squeals, rust, and corrosion; protects seals and hoses; and smoothes power steering operation.

If motors are your motivation, you can be an Outperformer.

The Eric Medlen Outperformers Scholarship Program powered by Castrol SYNTEC rewards aspiring young auto technicians with scholarships to attend an automotive program, technical institute, or other school approved by BP Lubricants USA Inc. Starting on October 1, 2007, Castrol asks would-be auto technicians ages 16-25 to explain, in 500 words or less, why they should win the 2008 Eric Medlen Outperformers Scholarship Program. For complete program details and to submit entries, please visit www.syntecoutperformers.com. Entries must be submitted by May 31, 2008.

