



Manuals.plus /

› Castrol /

› Castrol 06248 Edge 5W-30 Advanced Full Synthetic Motor Oil Instruction Manual

Castrol 06248

Castrol Edge 5W-30 Advanced Full Synthetic Motor Oil Instruction Manual

Model: 06248

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of Castrol Edge 5W-30 Advanced Full Synthetic Motor Oil, model 06248. Please read this manual thoroughly before use to ensure proper application and to maintain your vehicle's engine performance. This product is designed for use in gasoline engines where SAE 5W-30 viscosity and API SP or SN PLUS specifications are required or recommended by the vehicle manufacturer.

2. PRODUCT OVERVIEW

Castrol Edge 5W-30 Advanced Full Synthetic Motor Oil is engineered to provide superior engine protection and performance. Its unique formulation helps reduce friction and protect critical engine parts under various operating conditions.

2.1 Key Features

- Advanced full synthetic formula for maximum engine performance.
- Provides superior protection in 7 critical engine areas.
- Designed for extended drain intervals, up to 20,000 miles between oil changes, or as recommended by your vehicle manufacturer.
- Offers 10 times better high-stress performance compared to conventional oils.
- 3 times stronger than leading full synthetics against viscosity breakdown.

2.2 Product Components

This product is supplied as a pack of six 1-quart (0.946 liter) bottles, totaling 1.5 gallons (5.676 liters) of motor oil.



This image displays a single 1-quart bottle of Castrol Edge 5W-30 Advanced Full Synthetic Motor Oil alongside a cardboard box designed to hold six such bottles. The bottle is black with green and white branding, indicating its SAE 5W-30 viscosity and 'Advanced Full Synthetic Motor Oil' designation. The box features the Castrol Edge logo and text indicating '1 QT. BOTTLES' and '1.5 GAL. TOTAL'.

3. SAFETY INFORMATION

Always handle engine oil with care. Refer to the product label and your vehicle's owner's manual for specific safety precautions.

- **Skin Contact:** Avoid prolonged or repeated skin contact with used oil. Wash thoroughly with soap and water after handling.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Eye Contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **Inhalation:** Avoid breathing oil mists or vapors. Use in a well-ventilated area.
- **Storage:** Keep out of reach of children and pets. Store in a cool, dry place away from direct sunlight and ignition sources.
- **Disposal:** Dispose of used oil and containers responsibly according to local regulations. Do not pour into drains or the environment.



Castrol

EDGE

Engineered to be stronger under pressure and reduce friction to maximize engine performance.

Approved and Licensed Specifications:

- Exceeds API SQ/SP/SN PLUS/SN
- ILSAC GF-7A • GM dexos1™ Gen 3

Meets the requirements of:

- Chrysler MS-6395 • Ford WSS-M2C961-A1

* As measured in the Sequence IX test under high load/torque conditions vs. API SQ Limits



SCAN TO LEARN MORE
www.castrol.com/edge

SUPERIOR PERFORMANCE AND PROTECTION IN 7 CRITICAL AREAS

POWER PRESSURE FUEL ECON. HI-TEMP PERF. SLUDGE WEAR ENDURANCE

10X BETTER*

EXCEEDS INDUSTRY TEST LIMITS

20,000 MILES

DON'T POLLUTE. CONSERVE RESOURCES; RETURN USED OIL TO COLLECTION CENTERS.



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov.

WARNING: Overexposure to product may cause eye, skin or respiratory irritation. Continuous contact with used motor oil has caused skin cancer in laboratory tests. Avoid prolonged contact. Wash skin thoroughly with soap and water. Launder or discard soiled clothes. Empty container retains vapor or residue. Do not reuse. **KEEP OUT OF THE REACH OF CHILDREN.**

SAE 5W-30

BP LUBRICANTS USA INC.
WAYNE, NJ 07474-0973
www.castrol.com



Castrol and the Castrol logo are trademarks of Castrol Limited, used under license.

Made in the U.S.A. from domestic and imported components.

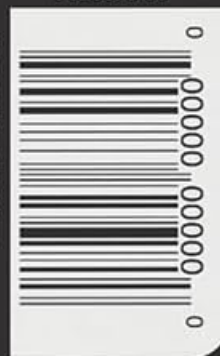
GM dexos1™ Gen 3 license # D355AZFJ082

US Patent No. 9,624,451



API Service Exceeds SQ/SP/SN PLUS/SN

P0260F6-00



The back label of the Castrol Edge 5W-30 motor oil bottle provides important safety information, product specifications, and environmental warnings. It includes details on API Service, SAE viscosity, and a QR code for more information. Warnings advise against prolonged contact with skin, ingestion, and proper disposal. For more details, visit www.castrol.com/edge.

4. SETUP AND PREPARATION

Before performing an oil change, ensure you have all necessary tools and materials, and prepare your vehicle appropriately.

- **Consult Vehicle Manual:** Always refer to your vehicle's owner's manual for specific oil capacity, filter type, and oil change procedures.
- **Gather Tools:** Collect a wrench for the drain plug, an oil filter wrench, a drain pan, a funnel, and a new oil filter.
- **Vehicle Positioning:** Park your vehicle on a level surface. If using ramps or a jack, ensure the vehicle is securely supported.
- **Engine Temperature:** Allow the engine to cool down sufficiently to avoid burns from hot oil or engine components, but warm enough for the oil to flow easily.

5. OPERATING INSTRUCTIONS (OIL CHANGE PROCEDURE)

Follow these general steps for changing your engine oil. Specific steps may vary by vehicle model.

1. **Drain Old Oil:** Place the drain pan under the oil drain plug. Remove the drain plug and allow all the old oil to drain completely.
2. **Replace Oil Filter:** Remove the old oil filter using an oil filter wrench. Apply a thin film of new oil to the gasket of the new filter before installing it. Hand-tighten the new filter according to the manufacturer's specifications.
3. **Reinstall Drain Plug:** Clean the drain plug and replace its washer if necessary. Reinstall the drain plug and tighten it to the manufacturer's recommended torque specifications.
4. **Refill with New Oil:** Using a funnel, slowly pour the recommended amount of Castrol Edge 5W-30 motor oil into the engine's oil fill cap.
5. **Check Oil Level:** After filling, wait a few minutes for the oil to settle. Check the oil level using the dipstick. Add more oil if necessary, ensuring not to overfill.
6. **Start Engine:** Start the engine and let it run for a few minutes. Check for any leaks around the drain plug and oil filter. Turn off the engine and recheck the oil level after a few minutes.



This image highlights the clear stripe on the side of the Castrol Edge motor oil bottle, which features measurement markings (e.g., 750ml, 500ml, 1/4, 3/4 quart). This stripe allows users to easily monitor the amount of oil poured or remaining in the bottle, aiding in precise measurement during oil changes.

6. MAINTENANCE AND STORAGE

Proper maintenance and storage ensure the longevity and effectiveness of your engine oil.

- **Oil Change Intervals:** Castrol Edge 5W-30 is formulated for extended drain intervals up to 20,000 miles or one year, whichever comes first. However, always adhere to your vehicle manufacturer's recommended oil change intervals, especially for vehicles under warranty or operating in severe conditions.
- **Regular Checks:** Periodically check your engine oil level between changes and top up if necessary.
- **Storage:** Store unused motor oil in its original sealed container in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cap is tightly closed to prevent contamination.

7. TROUBLESHOOTING

If you encounter any issues related to engine oil, consider the following common scenarios. For persistent or severe problems, consult a qualified mechanic.

- **Low Oil Level:** If the oil level is consistently low, check for leaks around the oil pan, filter, and engine seals. Top up with the correct oil type.
- **Oil Pressure Warning Light:** If the oil pressure warning light illuminates, immediately pull over safely and turn off the engine. Check the oil level. If the level is correct, there may be a more serious mechanical issue requiring professional diagnosis.
- **Unusual Engine Noises:** Tapping or knocking sounds can indicate insufficient lubrication. Check oil level and pressure.
- **Smoke from Exhaust:** Blue or gray smoke from the exhaust can indicate oil burning, which may be due to worn engine components.

8. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Castrol
Model	06248 (5W-30)
Viscosity	SAE 5W-30
Liquid Volume	1 Quart (per bottle)
Package Information	Bottle (Pack of 6)
Vehicle Service Type	Car
Manufacturer Part Number	15D3BC-6pk
UPC	079191062487, 079191216897, 207408869967
API Service	SP/SN PLUS
ILSAC	GF-6A
GM Approval	dexos1™ Gen 3



This chart compares various Castrol motor oil products, including Castrol GTX, Castrol Edge, and Castrol Edge Extended Performance. It highlights differences in protection mileage (10,000 to 25,000 miles), wear protection, high stress performance, and temperature performance, indicating that Castrol Edge offers superior wear protection and high stress performance.

9. WARRANTY AND SUPPORT

Castrol offers an engine warranty program to provide additional peace of mind for your engine's protection.



The Castrol Engine Warranty logo encourages users to enroll in the program for engine protection. It prominently displays the website address 'castrolenginewarranty.com' for registration and further details.

For details on the Castrol Engine Warranty and to enroll, please visit castrolenginewarranty.com. For general product support and inquiries, visit the official Castrol website at www.castrol.com.

10. ENVIRONMENTAL RESPONSIBILITY AND DISPOSAL

Castrol is committed to environmental responsibility. The product packaging is made with 25% recycled plastic. Please dispose of used motor oil and empty containers responsibly.

- **Used Oil:** Do not dispose of used oil in household waste, drains, or on the ground. Take used oil to an authorized collection point or recycling facility.
- **Containers:** Recycle empty plastic bottles where facilities exist. Ensure bottles are empty before recycling.