



Service Bulletin

PRELIMINARY INFORMATION

Subject: Cooling System Contaminated With Engine Oil

Models: 2010-2015 Buick Enclave LaCrosse Allure
 2010-2015 Cadillac CTS SRX
 2013-2015 Cadillac ATS XTS
 2010-2015 Chevrolet Camaro Equinox Traverse
 2011-2015 Chevrolet Captiva Sport
 2012-2015 Chevrolet Impala
 2015 Chevrolet Colorado
 2010-2015 GMC Acadia Terrain
 2015 GMC Canyon
 Equipped with a HFV6 Engine

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A vehicle may be brought in for oil in the cooling system, Oil in the coolant overflow reservoir, or overheat due to coolant blown out of coolant reservoir.

You will normally find a very thick oil in coolant mix in the radiator and coolant overflow reservoir. This condition is caused by a leakage from the main oil gallery to a water jacket through block porosity or thin wall casting.

The average oil pressure is near 60 psi and the coolant pressure is 16 psi.

Recommendation/Instructions

If you encounter a vehicle with this concern, First, if equipped, test the oil cooler system for possible leaking into the coolant through the radiator.

If the oil cooler tests good, or the vehicle is not equipped with an oil cooler, then reference this PI and replace the engine as well as all rubber coolant hoses.

Flush the radiator and heater core if possible or replace those as needed.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4067490	Engine Replacement	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that

your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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