Bulletin No.: PIP5257E
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Preliminary Information

PIP5257E Cooling System Contaminated With Engine Oil

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Enclave	2010 - 2020	All	All	3.6 LFY, LLT	All
Buick	LaCrosse	2010 - 2019	All	All	3.0 LF1, LFW, 3.6 LFX, LGX, LLT	All
Buick	Allure	2010 - 2016	All	All	3.0 LF1, LFW, 3.6 LFX, LLT	All
Cadillac	ATS	2013 - 2019	All	All	3.6 LF4, LFX, LGX	All
Cadillac	CT5	2020	All	All	3.0 LGY	All
Cadillac	CT6	2016 - 2020	All	All	3.0 LGW, 3.6 LGX	All
Cadillac	CTS	2010 - 2019	All	All	3.0 LFW, 3.6 LF3, LFX, LGX, LLT	All
Cadillac	SRX	2010 - 2016	All	All	3.6 LFX, LLT	All
Cadillac	XT5	2017 - 2020	All	All	3.6 LGX	All
Cadillac	XT6	2020	All	All	3.6 LGX	All
Cadillac	XTS	2013 - 2019	All	All	3.6 LF3, LFX	All
Chevrolet	Blazer	2019 - 2020	All	All	3.6 LGX	All
Chevrolet	Camaro	2010 - 2020	All	All	3.6 LFX, LGX, LLT	All
Chevrolet	Caprice PPV	2012 - 2017	All	All	3.6 LFX	All
Chevrolet	Captiva Sport	2011 - 2018	All	All	3.0 LFW, 3.6 LFX	All
Chevrolet	Colorado	2015 - 2020	All	All	3.6 LFX, LGZ	All
Chevrolet	Equinox	2010 - 2017	All	All	3.0 LF1, LFW, 3.6 LLT, LFX	All
Chevrolet	Impala	2012 - 2020	All	All	3.6 LFX	All
Chevrolet	Traverse	2010 - 2020	All	All	3.6 LFY, LLT	All
GMC	Acadia	2010 - 2020	All	All	3.6 LGX, LLT	All
GMC	Canyon	2015 - 2020	All	All	3.6 LFX, LGZ	All
GMC	Terrain	2010 - 2016	All	All	3.0 LF1, LFW, 3.6 LLT, LFX	All

Supersession Statement

This PI was superseded to add HFV6 Gen2 equipped models and MY vehicles. Please discard PIP5257C

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 or too thick to flow. You will normally find a very thick oil in coolant mix in the radiator and coolant overflow reservoir.

This condition may be 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 over 60 psi and the coolant pressure is 16 psi.

Recommendations / 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.
When checking the oil cooler make sure to use higher pressure (100 PSI) on the oil side of the cooler.
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.
Also if equipped flush the rear heater core and replace hoses as needed.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

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.

GENERAL MOTORS