



# Service Bulletin

Bulletin No.: 22-NA-240

Date: December, 2022

## INFORMATION

**Subject: Information on Overheating, Cooling System Contaminated with Engine Oil**

**This bulletin replaces PIP5257E. Please discard PIP5257E.**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2010	2023	—	—	LFY, LLT	—
	LaCrosse	2010	2019			LF1, LFW, LFX, LGX	
Cadillac	ATS	2013	2019			LF4, LFX, LGX	
	CT4	2022	2023			LF4	
	CT5	2020	2023			LGX	
	CT6	2016	2020			LGW, LGX	
	CTS	2010	2019			LFW, LF3, LFX, LGX	
	SRX	2010	2016			LFX, LFW	
	XT5	2017	2023			LGX	
	XT6	2020	2023			LGX	
Chevrolet	Blazer	2019	2023			LGX	
	Camaro	2010	2023			LFX, LGX	
	Caprice	2012	2017			LFX	
	Captiva	2011	2018			LFX, LFW	
	Colorado	2015	2022			LFX, LGZ	
	Equinox	2010	2017			LF1, LFW, LFX	
	Impala	2012	2020			LFX	
	Traverse	2010	2023			LFY, LLT	
GMC	Acadia	2010	2021			LGX, LLT	
	Canyon	2015	2022			LFX, LGZ	
	Terrain	2010	2017	LF1, LFW, LFX			

<b>Involved Region or Country</b>	North America, Brazil, Chile, Colombia, Ecuador, Paraguay, Uruguay, Venezuela, Europe, Russia, Middle East, Iraq, Japan, Cadillac Korea (South Korea), China, Taiwan, Singapore, Australia/New Zealand, Other Africa
<b>Condition</b>	Some customers may comment on one or more of the following conditions: <ul style="list-style-type: none"> <li>• Overheating</li> <li>• Coolant overflowing from reservoir</li> <li>• Oil contamination in coolant</li> </ul>
<b>Cause</b>	This condition may be caused by engine oil mixing into the coolant from the main oil gallery to a water jacket through block porosity or thin wall-casting or from the oil cooler into the radiator. ⇒ The average oil pressure is over 414 kPa (60 psi) and the coolant pressure is 110 kPa (16 psi).
<b>Information</b>	If you encounter a vehicle with this concern, validation on where the oil contamination is emitting from is required before replacing components: ⇒ 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 <b>Not</b> equipped with an oil cooler, then reference this bulletin and replace the engine as well as all the rubber coolant hoses. Flush the radiator and heater core if possible or replace hoses as needed. Also if equipped, flush the rear heater core and replace hoses as needed.

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