



Service Bulletin

Bulletin No.: 22-NA-240

Date: January, 2024

INFORMATION

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

This Service Bulletin replaces PIP5257E. Please discard all versions of PIP5257.

| Brand: | Model: | Model Year: | | VIN: | | Engine: | Transmission: |
|-----------|----------|-------------|------|---------------|----|--------------------|---------------|
| | | from | to | from | to | | |
| Buick | Enclave | 2010 | 2024 | — | — | LFY, LLT | — |
| | LaCrosse | 2010 | 2019 | | | LF1, LFW, LFX, LGX | |
| Cadillac | ATS | 2013 | 2019 | | | LF4, LFX, LGX | |
| | CT4 | 2022 | 2024 | | | LF4 | |
| | CT5 | 2020 | 2024 | | | LGX | |
| | CT6 | 2016 | 2020 | | | LGW, LGX | |
| | CTS | 2010 | 2019 | | | LFW, LF3, LFX, LGX | |
| | SRX | 2010 | 2016 | | | LFX, LFW | |
| | XT5 | 2017 | 2024 | | | LGX | |
| | XT6 | 2020 | 2024 | | | LGX | |
| Chevrolet | Blazer | 2019 | 2024 | | | LGX | |
| | Camaro | 2010 | 2024 | | | 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 | 2024 | | | LFY, LLT | |
| GMC | Acadia | 2010 | 2023 | | | LGX, LLT | |
| | Canyon | 2015 | 2022 | | | LFX, LGZ | |
| | Terrain | 2010 | 2017 | LF1, LFW, LFX | | | |

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| Involved Region or Country | 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 |
| Condition | Some customers may comment on one or more of the following conditions: <ul style="list-style-type: none"> • Overheating • Coolant overflowing from reservoir • Oil contamination in coolant |
| Cause | 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). |
| Information | 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 Not 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. Note: A soapy solution may aid in cleaning the cooling system of oil. A final flush with fresh water will be required. |

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

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| Version | 2 |
| Modified | Released December 01, 2022 Revised January 11, 2024 – Added the 2024 Model Year to applicable vehicles, 2022–2023 Model Years to Acadia and a Note to the Information section. |

