



Service Bulletin

Bulletin No.: 18-NA-125

Date: June, 2024

INFORMATION

Subject: Information on Engine Oil Life Monitor Operation Calculation

This Service Bulletin replaces PIP5282A. Please discard all versions of PIP5282.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	GM Passenger Cars and Light/Medium Duty Trucks	2010	2025	—	—	—	—
Cadillac							
Chevrolet							
GMC							

Involved Region or Country	North America, Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela, Europe, Uzbekistan, Middle East, Iraq, Israel, Palestine, Japan, Cadillac Korea (South Korea), GM Korea Company, China, Taiwan, Thailand, Singapore, Philippines, Australia/New Zealand, Egypt, Other Africa, South Africa
Condition	Since 2010, all GM vehicles have been equipped with the oil life monitor (OLM) system. The monitor calculates the percent of oil life remaining, based on 4 pathways. The OLM starts its calculation for all pathways after the first 50 miles (80 km) to account for marshalling and time before sale. Subsequently, calculations begin immediately after each reset.

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.

Oil Life Monitor Calculation Pathways:

1. Engine revolutions – Oil life starts with a fixed number of revolutions and will decrease with each revolution. Cold / hot coolant temperature readings have multipliers that reduce engine revolutions pathway quicker depending on how far from the normal oil temperature the vehicle is operating.

Note: If the engine coolant temperature gets above 260°F (126°C), engine overheat condition, the oil life will go to 0%.

2. Mileage from last reset – Starting with MY 2013, the OLM is capped at 7,500 miles (12,070 km) for all GM powertrains except the Volt. In perfect

conditions, a vehicle would reach 7500 miles (12,070 km) from the last reset and the oil life left would be 0%.

Note: For the 2016-2018 MY Camaro, 2014-2018 MY CTS and 2015-2018 MY ATS equipped with the 2.0L LTG sold in Europe, the OLM is capped at 30,000 km / 1 year.

3. Time – This pathway is a liner function, a fixed decrease in oil life for a given time after the oil life is reset. The oil life will drop to 0% after 1 year regardless of the amount of engine revolutions or how many miles since the reset.
4. Fuel-in-Oil Dilution - Diesel engines only – The amount of oil dilution due to diesel fuel is modeled based on the engine's operating conditions. As dilution increases and approaches a limit, the remaining life will reduce towards 0%. Drive cycles that cause more DPF regeneration and that require more after-treatment warm-up will increase dilution more quickly than ones with less such events.

Note: The Volt uses a 2-year timer instead of 1 year. It also uses the engine revolution counter. It does not use the mileage pathway to count down.

Version	4
Modified	Released April 19, 2018 Revised July 25, 2018 – Added the 2019 Model Year. Revised May 17, 2024 – Added the 2020-2025 Model Years, involved regions/countries and the Important statement. Revised June 14, 2024 – Added Number 4 under Oil Life Monitor Calculation Pathways section.

