



GM Oil Life System (OLS) and Simplified Maintenance Schedule

Takes the mystery out of maintaining GM vehicles and provides benefits to the environment

OVERVIEW

- The GM Oil Life System (OLS) is a computer-based algorithm that assesses engine oil condition and optimizes oil change intervals based on vehicle and environmental operating conditions.

BENEFITS

- Saves customers time and money, while protecting their investment
- Simplifies decisions about frequency of oil changes and other required maintenance
- Makes it easy for customers to have their vehicle's oil changed and all routine maintenance performed during the same service visit
- Lowers overall operating costs, because oil is changed only when necessary
- Reassures consumers that their engine is always running with good oil, which improves the long-term performance and reliability of their vehicle

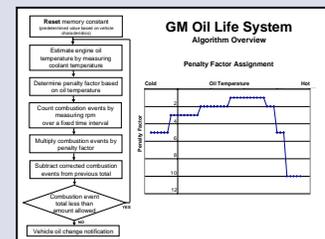
ENVIRONMENTAL IMPACT

- Reduces oil change frequency by using the GM Oil Life System.
- In 1997, more than 640 million gallons of motor oil were sold, with about 345 million gallons purchased by do-it-yourselfers. In the same time, do-it-yourselfers recycled only between 43 to 62 million gallons of used oil.*
- *Information from American Petroleum Institute website.
- GM has built more than 20 million vehicles to date with its OLS. In the next five years, if the GM OLS is used as intended, almost 100 million gallons of oil could be saved.
- All GM Goodwrench dealers are equipped to properly dispose of waste oil.

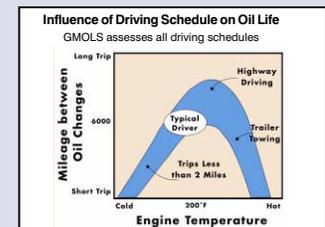
OIL DRAIN INTERVAL EXPECTATIONS Using the GM Oil Life System

- Highway driving 7,000 to 12,000 miles
- Urban driving 4,000 to 6,000 miles
- Trailer towing 5,000 to 7,000 miles
- Short trip service (less than two miles) 3,000 to 4,000 miles
- Typical mixed service 4,000 to 7,000 miles

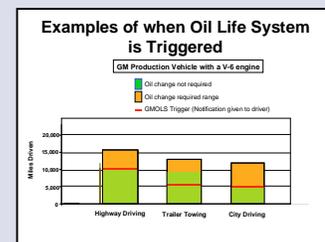
Actual mileage will vary depending on actual driving conditions.



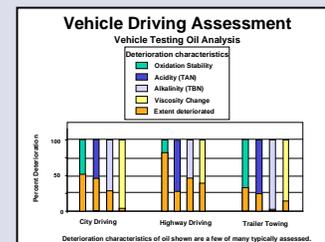
When the engine is cold or very hot, the miles driven are weighted more heavily (penalized) toward the total that triggers the oil change notification.



The more the vehicle is used for short trips or trailer towing, the more frequently the oil needs to be changed.



GM test data shows the Oil Life System extends oil change intervals without risks to the engine.



Four different oil characteristics were measured to determine extent of oil deterioration.