

Beginning with the 2011 model year, most Ford and Lincoln vehicles are equipped with an Intelligent Oil Life Monitor™ (IOLM) that determines when the engine oil should be changed based on vehicle operation.

## **How the IOLM works**

The IOLM does not use oil quality sensors – it is entirely software-based and uses actual engine operating conditions to calculate the oil change interval by using an algorithm. This algorithm takes into account the following factors by analyzing various engine sensor inputs.

- Driving Habits
- Idle time
- Temperature

The IOLM adjusts the oil change interval according to how the customer operates their vehicle. It uses the engine operating conditions to precisely calculate service intervals. The customer's actual engine oil change interval will depend on the following operating conditions:

- Normal commuting with highway driving up to 10,000 miles
- Trailer tow/high load driving 5,000 to 7,500 miles
- Short trip usage, extreme temperatures 3,000 to 5,000 miles







## Scheduled Maintenance Summary by Vehicle Line

## 2011 Model Year

Vehicle	Service Interval	Message Center	Interval
Mustang	IOLM As Indicated	IOLM	IOLM adjusts the oil change interval according to vehicle operating conditions. Can be up to 1 year/10,000 miles.
Edge MKX	IOLM As Indicated	IOLM	
Flex MKT	IOLM As Indicated	IOLM	
Taurus MKS	IOLM As Indicated	IOLM	
Escape/Mariner	IOLM As Indicated	IOLM	
Fusion/Mllan/MKZ	IOLM As Indicated	IOLM	
F-150	IOLM As Indicated	IOLM	
Explorer	IOLM As Indicated	IOLM	
F-Super Duty Diesel	IOLM As Indicated	IOLM	
Fiesta	OMS 1 year/10,000 miles	OMS	1 year/10,000 mile interval
Hybrid Escape/Mariner	OMS 1 year/10,000 miles	OMS	
Hybrid Fusion/Milan/MKZ	OMS 1 year/10,000 miles	OMS	
Expedition/Navigator	OMS optional 6 months/7,500 miles	OMS*	6 month/7,500 mile interval
F-150 6.2 Liter Lariat/Harley Davidson	6 months/7,500 miles	OMS*	
Transit Connect	6 months/7,500 miles	No	Commercial vehicle with gas engine
F-Super Duty Gas	6 months/7,500 miles	OMS*	
E-Series	6 months/7,500 miles	OMS*	
SVT Mustang	6 months/7,500 miles	OMS*	SVT specialty operating conditions
SVT Raptor	6 months/7,500 miles	OMS*	
Focus	6 months/7,500 miles	No	3 months of production 2012 update OMS 1 year/10,000 miles
Crown Victoria/Grand Marquis/ Town Car	6 months/7,500 miles	OMS*	2011 end of production
Ranger	6 months/7,500 miles	No	

<sup>\*</sup>If equipped. Dependent on vehicle options.

## 2012 Model Year

Vehicle	Service Interval	Message Center	Interval
Mustang	IOLM As Indicated	IOLM	1 year or 10,000 miles under normal operating conditions. The system will adjust the interval according to vehicle operating conditions using an algorithm. The message center will display "OIL CHANGE REQUIRED" or "ENGINE OIL CHANGE DUE"
Edge MKX	IOLM As Indicated	IOLM	
Flex MKT	IOLM As Indicated	IOLM	
Taurus MKS	IOLM As Indicated	IOLM	
Escape	IOLM As Indicated	IOLM	
Fusion/MKZ	IOLM As Indicated	IOLM	
F-150	IOLM As Indicated	IOLM	
Explorer	IOLM As Indicated	IOLM	
F-Super Duty Diesel	IOLM As Indicated	IOLM	
Focus	IOLM As Indicated	IOLM	
Fiesta	OMS 1 year/10,000 miles	OMS	Vehicle currently at 1 year/10,000 mile interval
Hybrid Escape	OMS 1 year/10,000 miles	OMS	
Hybrid Fusion/MKZ	OMS 1 year/10,000 miles	OMS	
Expedition/Navigator	6 months/7,500 miles	OMS	Will continue with 6 month/7,500 mile interval
F-150 6.2 Liter	6 months/7,500 miles	OMS	
Transit Connect	6 months/7,500 miles	No	Commercial vehicle with gas engine
F-Super Duty Gas	6 months/7,500 miles	OMS	
E-Series	6 months/7,500 miles	OMS	
SVT Mustang	6 months/7,500 miles	OMS	SVT specialty operating conditions
SVT Raptor	6 months/7,500 miles	OMS	

<u>IOLM</u> – Intelligent Oil Life Monitor has an algorithm that determines when to change the oil and is based on vehicle operating conditions. The system will display a message in the instrument cluster message center when an oil change is required.

OMS – Oil Minder System displays a message in the instrument cluster message center when to change the oil. The interval is determined by time or mileage. There is NO algorithm to compensate for operating conditions.

