

## VALVOLINE™ MAXLIFE™ MOTOR OIL

Valvoline MaxLife is the first motor oil specially formulated to address the unique needs of higher mileage engines. Valvoline MaxLife is a blend of synthetic and premium conventional basestocks with seal conditioning agents, extra cleaning agents, additional anti-wear additives and novel friction modifiers for added protection. Valvoline MaxLife provides performance benefits for high mileage, new and re-built engines.

Valvoline MaxLife meet the newly adopted API SN PLUS classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

### Valvoline MaxLife Advantages:

- Condition seals
- Reduce oil consumption
- Reduce friction
- Resist thermal breakdown

### Approvals and Licenses:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
API SN	X	X	X	X	X	X
API Resource Conserving	X	X	X	X	---	---
ILSAC GF-5	X	X	X	X	---	---

### Additional Recommended Applications:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Ford WSS-M2C945-A	---	X	---	---	---	---
Ford WSS-M2C946-A	---	---	X	---	---	---
Ford WSS-M2C947-A	X	---	---	---	---	---
Chrysler MS-6395	X	X	X	X	---	---
GM 6094M (Obsolete Spec)	---	X	X	X	---	---
Fiat 9.55535 G2	---	---	---	---	X	---

### Typical Properties:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
KV100 (cSt)	8.6	8.9	10.9	10.9	15.0	18.8
KV40 (cSt)	45.5	51.5	63.9	70.8	101.7	159.1
Viscosity Index	172	153	161	143	154	134
Density (lbs/gal)	7.1	7.2	7.2	7.2	7.2	7.3
CCS (cP @ °C)	<5800@-35°C	<6100@-30°C	<6100@-30°C	<5600@-25°C	<6400@-25°C	<5800@-15°C
Pour Point (°C)	≤ -39 °C	≤ -36 °C	≤ -36 °C	≤ -33 °C	≤ -33 °C	≤ -24 °C
HTHS (cP)	2.7	2.7	3.1	3.2	3.9	4.8

This information only applies to products manufactured in the following location(s): USA, Canada

Effective Date:  
2/20/2018

Replaces:  
1/11/2018

Author's Initials:  
MW