

PRODUCT INFORMATION



VALVOLINE™ HIGH MILEAGE WITH MAXLIFE™ TECHNOLOGY MOTOR OIL

Valvoline High Mileage with MaxLife Technology Motor Oil is the first motor oil specially formulated to address the unique needs of higher mileage engines. High Mileage 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. High Mileage MaxLife provides performance benefits for high mileage, new and re-built engines.

Valvoline High Mileage with MaxLife Technology Motor Oil is approved and licensed for the newly adopted API SN PLUS classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

Valvoline High Mileage with MaxLife Technology Motor Oil 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 with SN Plus	X	X	X	X	X	X
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-B1	---	X	---	---	---	---
Ford WSS-M2C946-B1	---	---	X	---	---	---
Ford WSS-M2C947-B1	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
Zinc, ppm	830	830	830	830	830	830
Phosphorous, ppm	760	760	760	760	760	760

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

Effective Date:
11/19/18

Author's Initials:
MW