

## VALVOLINE™ FULL SYNTHETIC WITH MAXLIFE™ TECHNOLOGY MOTOR OIL

Valvoline Full Synthetic with MaxLife Technology is specially formulated for higher mileage engines. It is formulated with the highest quality synthetic base oils plus special additives to help fight the effects of aging, and to help increase the life of your engine.

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

### Advantages:

- Special seal conditioners to help reduce oil consumption.
- Innovative anti-wear additives to reduce friction and help prevent wear.
- Extra detergent and dispersant to help reduce deposits, sludge, and varnish formation.
- Enhanced thermal and oxidative stability

### Approvals and Licenses:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30
API SN	X	X	X	X
API Resource Conserving	X	X	X	X
ILSAC GF-5	X	X	X	X
GM dexos1™ Gen2	X D10190GL103	X D10191GL103	X D10192GL103	---

### Additional Recommended Applications:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30
Ford WSS-M2C945-A	---	X	---	---
Ford WSS-M2C946-A	---	---	X	---
Ford WSS-M2C947-A	X	---	---	---
Chrysler MS-6395	X	X	X	X
GM 6094M & 4718M (Obsolete Specs)	---	X	X	X
ACEA A5/B5 (Gasoline Engines Only!)	---	---	X	---

### Typical Properties:

	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30
KV100 (cSt)	8.1	8.1	10.1	10.8
KV40 (cSt)	42.8	46.1	59.0	67.2
Viscosity Index	168	148	160	151
Density (lbs/gal)	7.1	7.1	7.1	7.1
CCS (cP @ °C)	<5800@-35°C	<5800@-30°C	<5800@-30°C	<5600@-25°C
Pour Point (°C)	≤ -39 °C	≤ -36 °C	≤ -36 °C	≤ -33 °C
TBN (meq KOH/g)	9.0	9.0	9.0	9.0
Noack (% loss)	11.1	13.9	12.2	11.3
HTHS (cP)	2.7	2.7	3.1	3.2

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

Effective Date:

3/2/18

Author's Initials:

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