

Product Information



A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.

VALVOLINE MaxLife™ Synthetic Motor Oil

Valvoline MaxLife™ Synthetic Motor Oil is specially formulated for higher mileage engines. Valvoline MaxLife™ Synthetic Motor Oil is formulated with the highest quality synthetic base oils plus special additives to fight the effects of aging and increase the life of your engine.

The Valvoline MaxLife™ Synthetic Motor Oil Advantage

- Special seal conditioners to help reduce oil consumption.
- Innovative anti-wear additives to reduce friction and help prevent wear.
- Extra cleaning agents to help reduce deposits, sludge and varnish formation.
- Advanced thermal and oxidative stability to help reduce oil burn-off and maximize power output.

Approvals/Performance Levels

API SN/SM	0W-20	5W-20	5W-30	10W-30
API Resource Conserving	0W-20	5W-20	5W-30	10W-30
ILSAC GF-5	0W-20	5W-20	5W-30	10W-30
GM dexos 1	0W-20	5W-20	5W-30	-----
Ford WSS-M2C945-A	-----	5W-20	-----	-----
Ford WSS-M2C946-A	-----	-----	5W-30	-----
Ford WSS-M2C947-A	0W-20	-----	-----	-----
Chrysler MS-6395	0W-20	5W-20	5W-30	10W-30
GM 6094M*	-----	5W-20	5W-30	10W-30
GM 4718M*	-----	5W-20	5W-30	10W-30

*Obsolete category, superseded by GM dexos 1.

See operator's manual for recommended viscosity grade and API service classification.

Test	SAE 0W-20	SAE 5W-20	SAE 5W-30	SAE 10W-30
Vis @ 100°C (cSt)	8.7	8.6	11.0	10.9
Vis @ 40°C (cSt)	45.2	48.9	62.8	70.5
Viscosity Index	175	154	168	143
Spec Gravity @ 60° F	0.847	0.853	0.853	0.861
Density (lbs/gal)	7.1	7.1	7.1	7.2
Total Base Number	8.8	8.8	8.8	8.8
Flash Point COC (°C)	221	221	223	231
Pour Point (°C)	-45	-36	-42	-39
CCS cP (°C)	5500@-35C	5500@-30C	5900@-30C	5800@-25C
MRV TP-1 cP (°C)	21000@-40C	24000@-35C	20000@-35C	14000@-30C
Noack % off @ 250°C	11.4	9.3	10.2	6.3
Sulfated Ash, wt%	1.0	1.0	1.0	1.0
Zinc/Phosphorus, wt%	0.083/0.078	0.083/0.078	0.083/0.078	0.083/0.077
Calcium, wt. %	0.210	0.210	0.210	0.210
Sodium, wt. %	0.048	0.048	0.048	0.048

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

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