

Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

VALVOLINE MaxLife™ Motor Oil

Valvoline MaxLife™ is the first motor oil specially formulated for higher mileage engines. Valvoline MaxLife™ is a blend of premium basestocks with a seal conditioning agent, extra cleaning agents, additional antiwear additives and friction modifiers.

The Valvoline MaxLife™ Motor Oil Advantage

- Conditions engine seals
- Minimizes oil consumption
- Maximizes power output
- Resists thermal breakdown
- Reduces deposit formation
- Provides easier cold starts

Approvals/Performance Levels

API SM/SL

Valvoline's Maxlife™ motor oil is safe for use in new and rebuilt engines and will not void new car warranties. Meets engine and emission system protection requirements of ILSAC GF-4.

Test	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Vis @ 100°C (cSt)	10.61	10.66	13.9	18.23
Vis @ 40°C (cSt)	62.31	70.4	92.25	158.45
Viscosity Index	161	140	154	128
Spec Gravity @ 60° F	0.859	0.8697	0.869	0.885
Density (lbs/gal)	7.16	7.25	7.25	7.38
Total Base Number	8	8	8	8
Flash Point COC (°C)	221	216	220	236
Pour Point (°C) max	-36	-33	-33	-24
CCS cP (°C)	5500@-30C	5700@-25C	5900@-25C	7000@-15C
MRV TP-1 cP (°C)	18,000@-35C	17,000@-30C	24,000@-30C	22,000@-20C
Noack % off @ 250°C	<15.0	<15.0	<15.0	<15.0
Sulfated Ash	0.8	0.8	0.8	0.8
Zinc/Phosphorus, wt%	0.083/0.076	0.083/0.076	0.083/0.076	0.083/0.076
Calcium/Moly, wt. %	0.254/0.03	0.254/0.03	0.254/0.03	0.254/0.03

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

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

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Test	SAE 5W-20
Vis @ 100°C (cSt)	8.7
Vis @ 40°C (cSt)	50.2
Viscosity Index	151
Spec Gravity @ 60° F	0.860
Density (lbs/gal)	7.17
Total Base Number	8
Flash Point COC (°C)	217
Pour Point (°C) max	-42
CCS cP (°C)	5900@-30C
MRV TP-1 cP (°C)	16,000@-35C
Noack % off @ 250°C	<13.5
Sulfated Ash	0.8
Zinc/Phosphorus, wt%	0.083/0.076
Calcium/Moly, wt.%	0.254/0.03

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Test	SAE 30
Vis @ 100°C (cSt)	10.92
Vis @ 40°C (cSt)	85.86
Viscosity Index	113
Spec Gravity @ 60° F	0.8791
Density (lbs/gal)	7.33
Total Base Number	8
Flash Point COC (°C)	221
Pour Point (°C), max	-21
Noack % off @ 250°C	<15.0
Sulfated Ash	0.8
Zinc/Phosphorus, wt%	0.083/0.076
Calcium/Moly, wt.%	0.254/0.03

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