

Product Information



A PRODUCT OF VALVOLINE, 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 synthetic and conventional 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-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Vis @ 100°C (cSt)	8.8	11.5	11.5	15	19.3
Vis @ 40°C (cSt)	51	67	75	102	170
Viscosity Index	152	163	146	158	132
Spec Gravity @ 60° F	0.86	0.87	0.87	0.87	0.88
Density (lbs/gal)	7.2	7.2	7.2	7.2	7.3
Total Base Number	8.3	8.3	8.3	8.3	8.3
Flash Point COC (°C)	217	221	216	220	236
Pour Point (°C) max	-42	-42	-42	-39	-33
CCS cP (°C)	5900@-30C	5800@-30C	6200@-25C	6200@-25C	7000@-15C
MRV TP-1 cP (°C)	16,000@-35C	18,000@-35C	17,000@-30C	24,000@-30C	22,000@-20C
Noack % off @ 250°C	<13.5	<13.5	<12.0	<12.0	<10.0
Sulfated Ash	0.93	0.93	0.93	0.93	0.93
Zinc/Phosphorus, wt%	0.083/0.076	0.083/0.076	0.083/0.076	0.083/0.076	0.083/0.076
Calcium/Moly, wt%	0.191/0.03	0.191/0.03	0.191/0.03	0.191/0.03	0.191/0.03
Sodium, wt%	0.049	0.049	0.049	0.049	0.049

. 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

Effective Date:	Replaces:	Author's Initials:	Pages	Rev. Code
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Test	SAE 30
Vis @ 100°C (cSt)	11.4
Vis @ 40°C (cSt)	85
Viscosity Index	124
Spec Gravity @ 60° F	0.88
Density (lbs/gal)	7.3
Total Base Number	8.3
Flash Point COC (°C)	220
Pour Point (°C), max	-30
Noack % off @ 250°C	<12.0
Sulfated Ash	0.93
Zinc/Phosphorus, wt%	0.083/0.076
Calcium/Moly, wt.%	0.191/0.03
Sodium, wt%	0.049

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