



# Product Information

A product of Ashland Consumer Markets, a business unit of Ashland Inc.

## VALVOLINE MaxLife™ Motor Oil

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

### The Valvoline MaxLife™ Motor Oil Advantage

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

### Approvals/Performance Levels

API SN/SM	0W-20	5W-20	5W-30	10W-30	10W-40	20W-50
API Resource Conserving	0W-20	5W-20	5W-30	10W-30	-----	-----
ILSAC GF-5	0W-20	5W-20	5W-30	10W-30	-----	-----
ACEA A1	0W-20	5W-20	5W-30	10W-30*	-----	-----
ACEA A3	-----	-----	-----	-----	10W-40	20W-50
GM Dexos 1	-----	-----	5W-30	-----	-----	-----
Ford WSS-M2C945-A	-----	5W-20	-----	-----	-----	-----
Ford WSS-M2C946-A	-----	-----	5W-30	-----	-----	-----
Chrysler MS-6395	-----	5W-20	5W-30	10W-30	-----	-----
GM 6094M**	-----	5W-20	5W-30	10W-30	-----	-----
Fiat 9.55535 G2	-----	-----	-----	-----	10W-40	-----
API CF**	-----	-----	-----	10W-30	10W-40	20W-50

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	SAE 10W-40	SAE 20W-50
Vis @ 100°C (cSt)	8.6	8.8	10.7	10.7	14.9	18.9
Vis @ 40°C (cSt)	45.5	51.3	63.1	70.6	103.2	169.8
Viscosity Index	169	151	160	140	151	126
Spec Gravity @ 60° F	0.83	0.86	0.86	0.87	0.87	0.88
Density (lbs/gal)	6.9	7.2	7.2	7.2	7.2	7.3
Total Base Number	8.8	8.8	8.8	8.8	8.8	8.8
Flash Point COC (°C)	219	217	221	216	220	236
Pour Point (°C)	-51	-45	-45	-39	-42	-30
CCS cP (°C)	5900@-35C	5900@-30C	5900@-30C	5900@-25C	6200@-25C	7700@-15C
MRV TP-1 cP (°C)	29,000@-35C	22,000@-35C	23,000@-35C	20,000@-30C	26,000@-30C	23,000@-20C
Noack % off @ 250°C	13.6	12.6	10.8	10.5	10.9	6.2
Sulfated Ash	1.0	1.0	1.0	1.0	1.0	1.0
Zinc/Phosphorus, wt%	0.083/0.077	0.083/0.077	0.083/0.077	0.083/0.077	0.083/0.077	0.083/0.077
Calcium, wt.%	0.210	0.210	0.210	0.210	0.210	0.210
Sodium, wt%	0.048	0.048	0.048	0.048	0.048	0.048

\*Excluding European fuel economy requirement.

\*\*Obsolete category.

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

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