

# Product Information



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

## VALVOLINE SYNPOWER MOTOR OIL

Valvoline's SYNPOWER is a premium fully synthetic motor oil that is formulated with the highest quality synthetic base oils and enhanced with the most advanced additive technology for ultimate performance in meeting the latest requirements for modern engines in North America. SYNPOWER motor oils provide protection under severe service conditions and meet the performance requirements of virtually all naturally aspirated, turbocharged and supercharged passenger cars operating in North America including European and Japanese passenger cars.

### The Valvoline SYNPOWER Motor Oil Advantages

- **Breakdown Resistance:** Increased thermal and oxidation stability.
- **Deposit Control:** Reduces formation of sludge and varnish deposits.
- **Wear Protection:** Improves oil film strength and breakdown resistance.
- **Volatility:** Lowers oil vaporization and consumption at extreme conditions.
- **Cold Start Properties:** Flows easily at low temperature.

Approvals/Performance Level					
API SL	5W-20	5W-30	10W-30	20W-50	5W-40
API SJ	5W-20	5W-30	10W-30	20W-50	5W-40
API CF	5W-20	5W-30	10W-30	20W-50	5W-40
API Energy Conserving	5W-20	5W-30	10W-30	-----	-----
ACEA A1	5W-20	5W-30	10W-30*	-----	-----
ACEA A3/B3/B4	-----	-----	-----	20W-50	5W-40
ILSAC GF-2 & GF-3	5W-20	5W-30	10W-30	-----	-----
GM 4718M(Corvette)	-----	5W-30	10W-30	-----	-----
JASO VTW	5W-20	5W-30	10W-30	20W-50	5W-40
Porsche	-----	-----	-----	20W-50	5W-40
Mercedes Benz 229.3	-----	-----	-----	20W-50	5W-40
VW 502.00, & 505.00	-----	-----	-----	20W-50	5W-40
BMW Long Life 98	-----	-----	-----	-----	5W-40

Test	5W-20	5W-30	10W-30	20W-50	5W-40
Vis @ 100°C (cSt)	8.54	10.84	10.89	20.80	13.9
Vis @ 40°C (cSt)	45.16	61.8	65.67	155.42	82.18
Viscosity Index	170	168	155	157	175
Spec Gravity @ 60°F	0.8495	0.852	0.869	0.874	0.846
API Gravity @ 60°F	35.17	34.6	31.38	30.4	35.7
Total Base No.	9	9	9	9	10
Flash COC (°C)	236	242	250	260	238
Pour Point (°C)	-42	-42	-42	-39	-42
CCS cP (°C)	3538(-30C)	4700 (-30C)	4700@-25C	5300@-15C	5800@-30C
MRV TP-1 cP (°C)	10,000(-35C)	16,000@-35C	11,000@-30C	9,900@-20C	34000@-35C
NOACK, wt. % loss	11	11	8	8	11
Sulfated Ash	0.91	0.91	0.91	1.28	1.14
Phosphorus, wt.%	0.10	0.10	0.10	0.10	0.094

### \* Except European Fuel Economy

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

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Author's Initials:  
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Code