Product Information

A PRODUCT OF VALVOLINE A DIVISION OF ASHLAND INC.

VALVOLINE DURABLEND MOTOR OIL

DURABLEND synthetic blend motor oils are formulated with a combination of high-tech synthetic and premium quality conventional basestocks combined with advanced additive technology. DURABLEND motor oils can help engines maintain peak performance longer by providing improved wear control, deposit protection, volatility, and low temperature flow characteristics versus conventional motor oils. DURABLEND motor oils provide protection under severe service conditions and meet the performance requirements of virtually all naturally aspirated, turbocharged and supercharged gasoline passenger cars, including European and Japanese vehicles.

The Valvoline DURABLEND Motor Oil Advantage

- **Breakdown Resistance:** Increases thermal and oxidation stability
- **Deposit Control:** Reduces formation of sludge and varnish deposits
- **Wear Protection:** Improves oil film strength and breakdown resistance
- **Cold Start Properties:** Flows easily at low temperatures
- **Volatility:** Lowers oil vaporization and consumption at extreme temperatures
- **Fuel Economy:** Improves fuel economy in new and old vehicles
- **Price Advantage:** Costs Less Than 100% Synthetics

Approvals/Performance Level	Viscosity Grade/Other			
API SN/SM	0W-20	5W-20	5W-30	10W-30
dexos 1	- - - - -	- - - - -	5W-30	- - - - -
ILSAC GF-5 & GF-4	0W-20	5W-20	5W-30	10W-30
API CF **	- - - - -	- - - - -	- - - - -	10W-30
API Resource Conserving	0W-20	5W-20	5W-30	10W-30
FORD WSS-M2C945-A	- - - - -	5W-20	- - - - -	- - - - -
FORD WSS-M2C946-A	- - - - -	- - - - -	5W-30	- - - - -
FORD WSS-M2C914-A	- - - - -	5W-20	- - - - -	- - - - -
FORD WSS-M2C153-H	- - - - -	5W-20	- - - - -	- - - - -
GM 6094M **	- - - - -	- - - - -	5W-30	10W-30
CHRYSLER MS-6395	- - - - -	5W-20	5W-30	10W-30
HONDA Feb. 2001 Spec.	0W-20	5W-20	- - - - -	- - - - -
ACEA A1	0W-20	5W-20	5W-30	10W-30*

Test	0W-20	5W-20	5W-30	10W-30
Vis @ 100°C (cSt)	8.6	8.5	10.7	10.8
Vis @ 40°C (cSt)	45.6	45.78	57.89	71.45
Viscosity Index	169	161	169	141
Spec Gravity @ 60°F	0.8545	0.8549	0.8548	0.8653
Density (lbs/gal)	7.13	7.13	7.13	7.22
Total Base No.	8.7	8.7	8.7	8.7
Flash COC (°C)	215	220	221	216
Pour Point (°C) , max	-42	-36	-36	-33
CCS cP (°C)	5800 (-35C)	4800(-30C)	4800(-30C)	5100(-25C)
MRV TP-1 cP (°C)	30,000 (-40C)	18,000(-35C)	18,000(-35C)	20,000(-30C)
Noack % off @ 250°C	14	11	11	12
Sulfated Ash	0.99	0.99	0.99	0.99
Zinc/Phosphorus	0.083/0.076	0.083/0.076	0.083/0.076	0.083/0.076
Calcium/Sodium	0.211/0.049	0.211/0.049	0.211/0.049	0.211/0.049

* Excluding Fuel Economy Requirement ** Obsolete

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

Effective Date:	Replaces:	Author's Initials:	Rev. Code
1-13-12	3-1-11	AS	006

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Approvals/Performance Level	Viscosity Grade/Other		
API SN//SM	10W-40	15W-40	20W-50
API CF *	10W-40	15W-40	20W-50
Fiat 9.55535 G2	10W-40	15W-40	- - - - - -
ACEA A3	10W-40	15W-40	20W-50
	Meets engine and emission system protection requirements of ILSAC GF-5		

Test	10W-40	15W-40	20W-50
Vis @ 100°C (cSt)	14.5	14.5	18.5
Vis @ 40°C (cSt)	93.04	105.58	155.27
Viscosity Index	155	141	135
Spec Gravity @ 60°F	0.8634	0.8674	0.874
Density (lbs/gal)	7.22	31.6	7.31
Total Base No.	8.7	8.7	8.7
Flash COC (°C)	220	226	236
Pour Point (°C) , max	-33	-27	-27
CCS cP (°C)	5000@-25C	5000@-20C	4600@-15C
MRV TP-1 cP (°C)	21,000@-30C	21,000@-25C	15,000@-20C
Noack % off @ 250°C	12	12	6
Sulfated Ash	0.99	0.99	0.99
Zinc/Phosphorus	0.083/0.076	0.083/0.076	0.083/0.076
Calcium/Sodium	0.211/0.049	0.211/0.049	0.211/0.049

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

* Obsolete category

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