

VALVOLINE™ DURABLEND™ MOTOR OIL

DURABLEND Motor Oil is formulated with a combination of high-tech premium quality synthetic blend basestocks and advanced additive technology. **DURABLEND** 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** provides 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.

DURABLEND Motor Oils are approved and licensed for the newly adopted API SN PLUS classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

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

Approvals and Licenses:

	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40
API SN with SN Plus	X	X	X	X
API SN	X	X	X	X
API Resource Conserving	X	X	X	----
ILSAC GF-5	X	X	X	----
GM dexos1™ Gen2 (License #)	X D10188GL103	X D10189GL103	----	----

Typical Properties:

	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40
KV100 (cSt)	8.3	10.6	10.8	14.5
KV40 (cSt)	45	61.5	71.45	93.04
Viscosity Index	162	164	141	155
Density (lbs/gal)	7.12	7.14	7.22	7.22
CCS (cP @ °C)	<5500@-30°C	<5800@-30°C	<5100@-25°C	<5000@-25°C
Pour Point (°C)	≤ -36	≤ -36	≤ -33	≤ -33
TBN (meq KOH/g)	9.0	9.0	8.7	8.7
Zinc (ppm)	830	830	830	830
Phosphorous (ppm)	760	760	760	760
Sulfated Ash (mass %)	0.90	0.90	0.99	0.99
Noack (% loss)	13	13	13	13

Refer to Valvoline Inc.'s Safety Data Sheet for health and safety information.

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

Effective Date:
5/31/18

Replaces:
5-26-17

Author's Initials:
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