



PRO-SPEC SYNTHETIC MOTOR OIL



◆ **DESIGNED FOR GASOLINE ENGINES PRO-SPEC SYNTHETIC MOTOR OIL**

PRO-SPEC SYNTHETIC MOTOR OIL has been reformulated to meet the latest industry standards for passenger car motor oil and other gasoline-powered equipment, delivering innovative technology and exceptional reliability for your equipment. PROSPEC SYNTHETIC MOTOR OIL is designed to provide protection against timing chain wear and LSPI (low-speed pre-ignition), two issues found to impact the latest gasoline vehicles today.

◆ **MEETS THE LATEST INDUSTRY STANDARDS**

Modern gasoline engines require a higher level of performance and far greater protection from the oil, due to engine manufacturers continually working to improve fuel economy and reduce emissions with design changes. Exceeding these challenges with our oil, PRO-SPEC SYNTHETIC MOTOR OIL is licensed to meet both the American Petroleum Institute's (API) SP specification, SN Plus, Resource Conserving and the International Lubricants Standardization and Approval Committee's (ILSAC) GF-6A specification. Exceeding these specifications means PRO-SPEC SYNTHETIC MOTOR OIL provides benefits for piston cleanliness, oxidation control, cam wear protection, engine sludge protection, fuel economy, protection against corrosive wear, protection against LSPI and timing chain wear protection.

◆ **EXCEPTIONAL PROTECTION**

The latest GF-6 standard took ten years to develop in close cooperation between the automakers, oil companies and additive suppliers in the industry. PRO-SPEC SYNTHETIC MOTOR OIL passed and exceeded the requirement in all engine tests required to achieve the GF-6 specification. To achieve more miles per gallon, automakers have moved to downsized turbocharged engines but found a phenomenon in these gasoline direct-injection engines called low-speed pre-ignition (LSPI), which can cause considerable piston damage and lead to engine failure. PRO-SPEC SYNTHETIC MOTOR OIL is formulated with a detergent package that not only keeps your engine clean from piston deposit build-ups and neutralizes acids but does so without increasing the frequency of LSPI.

◆ **LONGEVITY YOU CAN COUNT ON**

Chemistry for PRO-SPEC SYNTHETIC MOTOR OIL was tested in a variety of gasoline engines in the field, and a variety of tough applications including cab services in severe temperatures and conditions. Main bearings and cams were very clean at the end of the test and cylinder liners maintained their crosshatching after extensive ten-thousand-mile drain intervals, showing no scuffing. PRO-SPEC SYNTHETIC MOTOR OIL, formulated with synthetic base stocks, has excellent low volatility, which is important for achieving longer oil drain intervals.

PRO-SPEC SYNTHETIC MOTOR OIL SPECIFICATIONS

Meets and/or exceeds Ford WSS-M2C960-A1, Ford WSS-M2C961-A1, Ford WSS-M2C962-A1, Ford WSS-M2C945-B1*, Ford WSS-M2C946-B1*, Ford WSS-M2C947-B1*, GM6094M, Honda HTO-06, ACEA A5-02, API SJ, SL, SM, SN, SN PLUS, SP/RESOURCE CONSERVING/ILSAC GF-6A and is recommended for use in flex-fuel vehicles operating with ethanol fuels up to E85, Dexos 1™ Gen2 (0W/20, 5W/20, and 5W/30) *Backwards Compatible

	105020	106666	106667
	0W/20	5W/20	5W/30
Specific Gravity	0.8426	0.8446	0.8456
Viscosity, Kinematic cSt @ 100° C	8.50	8.40	11.0
Viscosity Kinematic cSt @ 40° C	44.20	44.60	60.75
Viscosity Index	173	166	174
Flash Point (ASTM D-92), °C/°F	225/437	226/439	230/446
Pour Point (ASTM D-97), °C/°F	-48/-54	-48/-54	-51/-60
TBN, mg KOH/g (ASTM D-2896)	8.1	8.6	8.3
Density, lbs/gal	7.02	7.04	7.04
Cold Cranking Viscosity, cP @ (°C) (ASTM D-5293)	5000 (-35)	3300 (-30)	3600 (-30)
NOACK Volatility, 1 hr. @ 250°C, % (ASTM D-5800)	11.0	9.0	10.0
HTHS Shear Viscosity, cP @ 150°C (ASTM D-4683)	2.70	2.60	3.20
Calcium, Wt. %	.12	.14	.16
Magnesium, Wt. %	.05	.06	.07
Zinc, Wt. %	.08	.09	.10
Nitrogen, Wt. %	.09	.10	.12
Molybdenum, Wt. %	.007	.008	.010
Phosphorus, Wt. %	.06	.08	.08

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).



CANADA

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