



BRX™ Synthetic Blend Motor Oils

PRODUCT DESCRIPTION

Bel-Ray® BRX™ Synthetic Blend Motor Oils are formulated from premium synthetic-blend base stocks and advanced additive technology to deliver trusted engine protection and peak vehicle performance. Bel-Ray BRX Synthetic Blend Motor Oils provide added resistance to sludge formation and varnish deposits during stop-and-go driving and maintain outstanding wear protection under severe conditions. The additive package also provides protection against LSPI (Low Speed Pre-Ignition) for modern Gasoline Direct Injection (GDI) engines.

PRODUCT FEATURES and BENEFITS

- Optimized with low coefficient of friction for increased fuel efficiency and engine power output
- Formulated with anti-wear additives to provide excellent engine wear protection in harsh and demanding applications
- Advanced detergents minimize deposits and maximize engine power and efficiency
- Robust oxidative stability provides maximum resistance to high-temperature thermal breakdown to minimize engine wear
- Improved Low Speed Pre-Ignition (LSPI) protection to provide protection to engine components and maximize engine life

APPLICATIONS

Bel-Ray BRX Synthetic Blend Motor Oils are recommended for gasoline engines in passenger cars, SUVs, light vans and light trucks. The applications include GDI, multi-valve fuel injected, carbureted, turbocharged, and supercharged engines.

SPECIFICATIONS and APPROVALS

	5W-20	5W-30	10W-30	10W-40	20W-50
API SQ ^{1,2}	X	X	X	X	X
ILSAC GF-7A ¹	X	X	X		
Chrysler MS-6395	●	●	●		
Ford WSS-M2C970-A1	●				
Ford WSS-M2C971-A1		●			
GM 6094M			●		

X - Formally licensed / registered

- - Recommended for use / meets requirements

¹Backwards compatible with prior requirements

²Viscosity grades 5W-20, 5W-30, and 10W-30 meet API SQ Resource Conserving requirements

DISTRIBUTED BY:

Calumet Branded Products, LLC
1060 N Capitol Ave
Suite 6-401
Indianapolis, IN 46204
Technical Services: 317-328-5660
www.belray.com

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PRODUCT DATA

Typical Properties						
Property	Test Method	5W-20	5W-30	10W-30	10W-40	20W-50
Viscosity @ 40°C, cSt	ASTM D445	49.1	61.8	63.5	93.4	124.5
Viscosity @ 100°C, cSt	ASTM D445	8.6	10.3	10.3	14.7	17.8
Viscosity Index	ASTM D2270	152	155	150	164	159
Cold Crank Simulator, cP	ASTM D5293	5,377 @ -30°C	4,218 @ -30°C	4,170 @ -25°C	4,060 @ -25°C	7,855 @ 15°C
HTHS @ 150°C, cP	ASTM D5481	2.7	3.0	3.0	3.7	4.6
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-42 (-44)	-42 (-44)	-44 (-47)	-36 (-33)
Flash Point, °C (°F)	ASTM D92	226 (440)	232 (450)	226 (440)	232 (450)	232 (450)
Density @ 15°C, g/mL	ASTM D4052	0.856	0.859	0.858	0.858	0.878

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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