



BRX Synthetic Blend Motor Oil

Bel-Ray® BRX Synthetic Blend Motor Oil is 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 Oil provides added resistance to sludge formation and varnish deposits during stop-and-go driving and maintains outstanding wear protection under severe conditions.

VEHICLE BENEFITS

- Excellent wear protection for critical engine components
- Improved fuel economy
- Delivers excellent low-temperature performance
- Maintains maximum engine protection under severe operating conditions
- Protects vehicle emission systems
- Improved LSPI protection
- Improved wear performance

PRODUCT FEATURES

- Exceeds API SN PLUS Resource Conserving (RC), ILSAC GF-5 performance standards (for 5W-20, 5W-30 and 10W-30)
- Formulated with premium synthetic-blend base stocks for added resistance to thermal breakdown
- Improved oxidation stability and volatility properties reduce oil consumption between services
- Advanced additive technology maintains engine cleanliness and protects against sludge and piston deposits
- Meets service fill requirements of JAMA member OEMs

APPLICATIONS

- Recommended for turbo-charged or naturally aspirated gasoline-powered and flex-fuel passenger cars, hybrid vehicles, light trucks and sport utility vehicles requiring:
- API SN PLUS Resource Conserving (RC), ILSAC GF-5
 - Ford WSS-M2C946-B1 (5W-30)
Ford WSS-M2C945-B1 (5W-20)
 - Chrysler; MS-6395 (Revision S) (excludes 10W-40 and 20W-50)
 - GM 6094M (Obsolete)

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Typical Physical Properties

Property	Test Method	5W-20	5W-30	10W-30	10W-40	20W-50
API Service		SN PLUS RC	SN PLUS RC	SN PLUS RC	SN PLUS	SN PLUS
Density@15°C, g/cm ³	ASTM D4052	0.8587	0.8603	0.8708	0.8716	0.8520
Viscosity @ 40°C, cSt	ASTM D445	49.7	59.2	64.9	97.7	152
Viscosity @ 100°C, cSt	ASTM D445	8.5	9.9	10.2	14.4	18.2
Viscosity Index	ASTM D2270	148	153	144	152	134
Flash Point, °C (°F)	ASTM D93	200°C (392°F)	202°C (396°F)	198°C (388°F)	189°C (372°F)	208°C (406°F)
Pour Point, °C (°F)	ASTM D97	-51°C (-60°F)	-51°C (-60°F)	-42°C (-44°F)	-45°C (-49°F)	-33°C (-28°F)
CCS, cP	ASTM D5293	6,250 @ -30°C	6,130 @ -30°C	6,170 @ -25°C	6,420 @ -25°C	6,220 @ -15°C
MRV, cP	ASTM D4684	18,400 @ -35°C	21,800 @ -35°C	27,000 @ -30°C	40,200 @ -30°C	28,700 @ -20°C
HTHS, @150°C, cP	ASTM D4683	2.6	3	3	3.8	4.6
TBN, mg KOH/g	ASTM D2896	9.4	9.2	9.5	9.5	9.5
Noack Volatility, wt%	ASTM D5800	11	9	12	12	6.9
Zinc, wt%	ASTM D6481	0.082	0.082	0.082	0.082	0.082

Minor variations in typical physical properties may occur from normal manufacturing processes

DISTRIBUTED BY:

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