



EXP SYNTHETIC ESTER BLEND 4T ENGINE OIL

PRODUCT DESCRIPTION

Bel-Ray® EXP Synthetic Ester Blend 4T Engine Oil is a premium synthetic blend motor oil for 4-stroke motorcycle engines. It combines the performance advantages of high quality synthetic and cost-effective mineral base oils. This premium synthetic blend formulation is infused with extreme pressure and anti-wear additives for optimal performance. Meets API SP standards and is JASO MA2 qualified.



PRODUCT FEATURES and BENEFITS

- Maximum anti-wear performance providing enhanced wear protection beyond API SP requirements
- Superior deposit control maintains engine cleanliness by minimizing sludge and varnish, helping extend engine life while maintaining engine power and efficiency
- Improved oil oxidation stability for severe high temperature conditions common for motorcycles engines
- Enhanced frictional properties provide superior wet clutch performance for smooth shifting
- Formulated with industry leading extreme gear wear protection for severe duty cycles and loads
- Multi-functional lubricant that can be used to lubricate the engine, clutch, and gears

APPLICATIONS

Bel-Ray EXP Synthetic Ester Blend 4T Engine Oil is recommended for use in air-cooled or liquid-cooled motorcycle 4-stroke engines with or without wet clutches. Suitable for use in on-road and off-road motorcycle 4-stroke engine applications requiring an oil meeting the API SG/SH/SJ/SL/SM/SN/SP standards, or the use of a JASO MA/MA2 qualified oil.

SPECIFICATIONS and APPROVALS

	10W-30	10W-40	15W-50	20W-50
API SP*	•	•	•	•
JASO T 903: MA2 2023	X	X	X	X

X - Formally licensed / registered

- - Recommended for use / meets requirements

*Backwards compatible with prior requirements

DISTRIBUTED BY:
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PRODUCT DATA

Typical Properties					
Property	Test Method	10W-30	10W-40	15W-50	20W-50
Viscosity @ 40°C, cSt	ASTM D445	72.84	95.62	147.40	174.00
Viscosity @ 100°C, cSt	ASTM D445	10.82	14.18	20.06	18.96
Viscosity Index	ASTM D2270	137	152	157	123
Cold Crank Simulator, cP	ASTM D5293	6475 @ -25°C	5923 @ -25°C	4293 @ -20°C	7755 @ -15°C
Pour Point, °C (°F)	ASTM D97	-36 (-33)	-36 (-33)	-36 (-33)	-36 (-33)
Flash Point, °C (°F)	ASTM D92	249 (480)	249 (480)	249 (480)	249 (480)
Density @ 15°C, g/mL	ASTM D4052	0.8678	0.8642	0.8662	0.8855

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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