



EXL Mineral 4T Engine Oil

PRODUCT DESCRIPTION

Bel-Ray® EXL Mineral 4T Engine Oil is a premium multi-grade engine oil for 4-stroke motorcycle engines. EXL Mineral 4T Engine Oil is a cost-effective, mineral oil-based engine oil that provides excellent protection of engine components by virtue of its anti-wear boosting chemistry. It is a superior product for use in wet clutch applications. State-of-the-art deposit control improves cooling efficiency and maximizes engine power. 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 durability and stability performance 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 oil that can be used to lubricate the engine, clutch, and gears

APPLICATIONS

Bel-Ray EXL Mineral 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-40	20W-50
API SP*	•	•
JASO T 903: MA2 2023	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-40	20W-50
Viscosity @ 40°C, cSt	ASTM D445	91.99	152.60
Viscosity @ 100°C, cSt	ASTM D445	13.75	17.77
Viscosity Index	ASTM D2270	152	129
Cold Crank Simulator, cP	ASTM D5293	5278 @ -25°C	6625 @ -15°C
Pour Point, °C (°F)	ASTM D97	-36 (-33)	-33 (-27)
Flash Point, °C (°F)	ASTM D92	249 (480)	243 (470)
Density @ 15°C, g/mL	ASTM D4052	0.8634	0.8799

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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