

Thumper® Racing Works Synthetic Ester 4T Engine Oil

PRODUCT DESCRIPTION

Bel-Ray® Thumper® Racing Works Synthetic Ester 4T Engine Oil is a premium multi-grade synthetic motor oil developed for full works competition use and is designed to withstand extreme racing conditions. Engineered for high performance off-road 4-stroke engines including single cylinder, multivalve racing engines. Uses high-quality synthetic ester base oils that withstand the highest temperatures and stresses to provide the ultimate 4-stroke Thumper engine oil.



Thumper Racing Works Blend 4T Engine Oil provides maximum anti-wear protection for valvetrains, rings, cylinders, and pistons. It delivers maximum horsepower while providing consistent clutch performance. Thumper Racing Synthetic Ester Blend 4T Engine oil protects against viscosity breakdown under high temperature and high shear. 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
- Excellent low temperature performance for cold starts and operating environments/conditions
- 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 Thumper Racing Works Synthetic Ester 4T Engine Oil is recommended for use with off-road 4-stroke engines including high performance single cylinder, multi-valve racing engines referred to as Thumpers. Suitable for use in air-cooled or liquid-cooled motorcycle 4-stroke engines with or without wet clutches 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-50	10W-60
API SP*	•	•
JASO T 903: MA2 2023	X	X

X - Formally licensed / registered

• - Recommended for use / meets requirements

*Backwards compatible with prior requirements

PRODUCT DATA

Typical Properties			
Property	Test Method	10W-50	10W-60
Viscosity @ 40°C, cSt	ASTM D445	128.00	162.30
Viscosity @ 100°C, cSt	ASTM D445	18.44	22.52
Viscosity Index	ASTM D2270	162	166
Cold Crank Simulator, cP	ASTM D5293	4727 @ -25°C	5778 @ -25°C
Pour Point, °C (°F)	ASTM D97	-36 (-33)	-36 (-33)
Flash Point, °C (°F)	ASTM D92	249 (480)	249 (480)
Density @ 15°C, g/mL	ASTM D4052	0.8478	0.8495

HEALTH and SAFETY

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