

THUMPER RACING WORKS SYNTHETIC ESTER 4T ENGINE OIL

Thumper Racing Works Synthetic Ester 4T Engine Oil was developed for full works competition use and is designed to withstand extreme racing conditions. Synthetic ester base oils withstand the highest temperatures and stresses which provide the ultimate 4-stroke Thumper engine oil. Thumper Racing Works Synthetic Ester 4T Engine Oil exceeds API SN and JASO MA2 requirements. The oil is suitable for air-cooled or liquid-cooled 4-stroke engines and wet clutches.



Thumper Racing Works Synthetic Ester 4T Engine Oil is a premium multi-grade synthetic motor oil. It is engineered for single cylinder, multi-valve 4-stroke racing engines.

Thumper Racing Works Synthetic Ester 4T Engine Oil protects against viscosity breakdown under high temperature and high shear.

APPLICATIONS

- Thumper engines (single cylinder, multi-valve racing engines)
- For use in all 4-stroke engines requiring an oil meeting the API SG/SH/SJ/SL/SM/SN standards
- For use in all 4-stroke motorcycles with or without wet clutches including those specifying the use of a JASO MA/MA2 qualified oil
- Use in all 4-stroke motorcycle engines with or without wet clutches

PRODUCT FEATURES

- Superior anti-wear
- Superior deposit control
- High viscosity stability
- Smooth power transfer
- JASO MA2 wet clutch performance

BENEFITS

- Reduced cylinder and ring wear. Longer bearing life.
- Cleans deposits. Control's sludge and varnish formation. Keeps ring lands and grooves free of carbon build-up.
- The shear stability provides superior lubrication and film strength. Minimizes friction for maximum power.
- Prevents clutch grabbing for an easily controlled and efficient gear shifting and clutch operation.

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Typical Physical Properties			
Property	Test Method	10W-50	10W-60
API Service		SN (claimed)	SN (claimed)
JASO Classification		MA2	MA2
Density@15°C, g/cm3	ASTM D4052	0.8557	0.8562
Viscosity @ 40°C, cSt	ASTM D445	122	177.8
Viscosity @ 100°C, cSt	ASTM D445	17.0	24.2
Viscosity Index	ASTM D2270	152	167
Cold Crank Simulator, cP	ASTM D5293	6028	6464
Flash Point, °C (°F)	ASTM D92	238 (460)	247 (476)
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-51 (-60)

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