

Magma 4T

(Advanced)

4-Stroke Motorcycle Engine Oil
SAE 20W50, API SL



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Product Description

Magma 4T (Advanced) is a high performance, SAE 20W-50 multi-grade high shear-stable engine oil formulated from selected base fluids for use in motorcycle engines requiring API SL performance lubricants under all operating conditions.

It incorporates modern additive technology package to ensure maximum engine protection and performance.

Features and Benefits

- Magma 4T (Advanced) is formulated with excellent anti-wear additive package that protects against valve train wear and scuffing of highly loaded parts of the motorcycle engines under all operating conditions.
- It has a multi-grade viscosity that provides additional protection against wear at start-up and under high temperature operating conditions experienced in 4-stroke motorcycles engines, clutches and gearboxes.
- It has exceptional soot dispersancy characteristics that keep fuel soot in suspension, avoiding sludge, abrasive bore polishing wear and oil thickening thus minimizing fleet maintenance costs.
- It has an excellent oxidation and thermal stability that provides excellent protection against in-service oil degradation.
- It is formulated with special high viscosity index base stock with excellent low starting friction that provides exceptional service over a wide temperature range thus making the equipment available even under the most severe service conditions
- It's high shear-stable viscosity index improver controls oil flow through the piston rings by maintaining high-temperature oil viscosity within the ring belt area in all services, resulting in reduced oil consumption that eliminates the need for frequent oil top ups.

Key properties of Magma 4T (Advanced)

CHARACTERISTIC	UNITS	TYPICAL VALUES	TEST METHOD
SAE Grade	-	20W50	
Density @ 15oC	kg/m3	0.896	ASTM D4052
Kinematic viscosity			
@100oC	cSt	14.7	ASTM D445
@40oC	cSt	109	ASTM D445
Viscosity Index		126	ASTM 2270
TBN	mg KOH/g	8.1	ASTM 2896
Sulphated ash	%m	1.0	Calculated
Flash point	o C	256	ASTM D 92
Element content:			
Calcium	%m	0.200	ASTM D 5185
Magnesium	%m	Nil	ASTM D 5185
Nitrogen	%m	0.061	ASTM D 5291
Phosphorous	%m	0.144	ASTM D 5185
Zinc	%m	0.158	ASTM D 5185

Performance standards

- API SL
- API CF

Health and Safety

Information on this product is available in the Material Safety Data Sheet (MSDS) and GEL customer service guide. Customers are encouraged to review this information, follow the precautions therein, and follow the laws and regulations governing the product use and disposal. Avoid contact with the skin and eyes. Do not siphon with the mouth. Keep the product away from reach of children. Keep the oil containers tightly closed. If swallowed by mouth, contact a doctor or medical centre immediately. Do not induce vomiting or give anything by mouth to an unconscious person. If more than 15 minutes from a hospital, give a lot of water to drink. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and clean water. If in eyes, hold eyes open, flood with clean water for at least fifteen minutes and seek medical attention. This product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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