



Yale Rapid 4T 20W-50 API SL Jaso MA2

High Performance Multigrade 4-stroke motor Oil

PRODUCT DATA SHEET

Product Description

Bluenergy Yale rapid 4T 20W50 SL/JASO MA2 is designed with high quality base stocks and advanced technology additive system to provide high level of protection and performance. It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reduces engine noise. This product meets the requirements of most motorcycle manufacturers and is suitable for use in 4 stroke gasoline engines, naturally aspirated or turbo charged engines, operating in all round seasons and adapted to vehicles equipped with catalytic converters running on unleaded fuels.

Features & Benefits

- Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Very good shear stability and excellent viscosity temperature behavior.
- Superior protection against viscosity and thermal breakdown.
- Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
- Superior sludge protection for greater engine reliability.
- Enhanced wear protection and improved engine cleanliness.
- Easier cold starts and improved fuel economy compared to mono-grade engine oils

Specifications

Bluenergy Yale Rapid 4T 20W-50 SL/ JASO MA2 meets or exceeds following International and Builder specification:

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- API SL, SJ, CF
- JASO MA2
- JASO 4T Clutch performance

Applications

- Bluenergy Yale Rapid 4T 20W50 SL/JASO MA2 is suitable for use in following:
- Motorcycle 4 Stroke gasoline engines.
- Naturally aspirated or turbo-charged engines.



TYPICAL CHARACTERISTICS

Bluenergy Yale Rapid 4T 20W-50 SL/ JASO MA2	Test Method	Units	20W50
Density @ 15 0C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 0C	ASTM D 445	cSt	20.4
Viscosity @ 40 0C	ASTM D 445	cSt	175
Viscosity Index	ASTM D 2270	-	136
Pour Point	ASTM D 97	°C	-30
Flash Point (COC)	ASTM D 92	°C	236
Total Base Number	ASTM D 2896	mg KOH/g	7.5
Phosphorous	ASTM D 4951	% wt	0.08
CCS Viscosity	ASTM D 5293	cP @-15	6060

These characteristics are typical of current product methods whilst future production will confirm to bluenergy lubricants specifications, variations in these physical characteristics may occur.

Protect the Environment

Take used oil to an authorized collection point or to be recycled. Do not discharge used or new oil into drains, soil or water.

Additional Information

Based on available information, this product is not expected to produce adverse effect on health when used for the Applications referred to above and the recommendations provided in safety data sheet are followed. guidance on health and safety is available on the appropriate material safety data sheet(MSDS) which can be obtained from www.bluenergylubes.com