

# Balmerol Superstar SAE 10W-30 API SL / JASO MB

Four Stroke Motorcycle Engine Oil

Product Data Sheet

## Product Description

Balmerol Superstar SAE 10W-30 API SL/ JASO MB is a high performance conventional four-stroke motorcycle engine oil primarily intended for general use in all types of four-stroke motorcycles and engines that designed to meet the latest motorcycle manufacturers warranty requirements.

Balmerol Superstar SAE 10W-30 API SL/ JASO MB powered by the WOW technology and provides several benefits : WOW technology offers extra ECG, superior engine cleanliness, outstanding clutch performance, smooth gear shift for a smooth ride, fast pick up and maximum engine power and excellent engine protection.

## Applications / Recommendations

Balmerol Superstar SAE 10W-30 API SL/ JASO MB recommended for use in bikes of HONDA Beat, Scoopy, Vario, YAMAHA Mio, Xeon GT, Hero Motocorp, TVS, and other manufacturers where SAE 10W-30 oils are recommended. Recommended by applications research Laboratory approved by DSIR.

## Availability

Balmerol Superstar SAE 10W-30 API SL/ JASO MB is available in 800 ml packing (Bottle).

## Technical Data

Balmerol Superstar SAE 10W-30 API SL / JASO MB (Four Stroke Motorcycle Engine Oil)				
No	Characteristics	Unit	Method	Specification
1	Appearance	--	Visual	Clear & Bright
2	Colour	--	Visual	Light Brown
3	Kinematic Viscosity @ 100°C	cst	ASTM D-445	9.3-12.5
4	Viscosity Index	--	ASTM D-2270	125 min
5	Flash point, COC	°C	ASTM D-92	200 min
6	Pour Point	°C	ASTM D-97	(-) 28 max
7	Total base number, TBN	Mgm KOH/gm	ASTM D- 2896	5 min
8	Sulfated ash	% by wt	ASTM D-874	0.6-1.2
9	Cold cranking viscosity, @ (-) 25°C, CCS	cps	ASTM D-5293	7000 max
10	Metal content			
	a )	Calcium	% by wt	ASTM D-4628
	b )	Magnesium	% by wt	
	c )	Zinc	% by wt	
d )	Phospmihorus	% by wt	ASTM D-4047	0.10 max
11	Foaming tendencies / stabilities			
	a )	Sequence I	ml	ASTM D-892
	b )	Sequence II	ml	
c )	Sequence III	ml		
12	High temp. high shear viscosity@ 150°C, HTHS	cps	ASTM D-4683	2.9 min
13	Copper strip corrosion, @ 100°C	--	ASTM D-130	1b max
14	Noack evaporation loss	% by wt	ASTM D-5800	15 max
15	Sequence IV, high temp	ml	ASTM D-6082	100 / 0 max
16	Stability Shear 30 cycles	cst	CEC L-14-A-93	9.0

## Health and Safety

Balmerol Superstar SAE 10W-30 API SL/ JASO MB is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

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