

Balmerol Superstar SAE 20W-40 API SL / JASO MB

Four Stroke Motorcycle Engine Oil

Product Data Sheet

Product Description

Balmerol Superstar SAE 20W-40 API SL / JASO MB is a high quality four stroke motor oil designed to meet the latest motorcycle manufacturers aimed for riders in the cities. Balmerol Superstar SAE 20W-40 API SL / JASO MB with actibond molecules clings to the engine to provide 3X protection: through start-up, while the engine is running, and when the engine is off. Balmerol Superstar SAE 20W-40 API SL / JASO MB is blended from selected base stocks and fortified with synergistic additive systems to meet the performance requirements, 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, and excellent engine protection.

Applications / Recommendations

Balmerol Superstar SAE 20W-40 API SL / JASO MB is recommended for use in all the stroke Bikes, Scooters and Bikes of Hero Motocorp, Bajaj, TVS, Suzuki, Honda, Mahindra, Etc. Recommended by applications research Laboratory approved by DSIR.

Availability

Balmerol Superstar SAE 20W-40 API SL / JASO MB is available in 800 ml packing.

Technical Data

No	Characteristics	Unit	Method	Specification	
1	Appearance	--	Visual	Clear & Bright	
2	Colour	--	Visual	Light Brown	
3	Kinematic Viscosity @ 100°C	cst	ASTM D-445	12.5 – 16.3	
4	Viscosity Index	--	ASTM D-2270	115 min	
5	Flash point, COC	°C	ASTM D-92	200 min	
6	Pour Point	°C	ASTM D-97	(-) 18 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, @ (-) 15°C, CCS	cps	ASTM D-5293	9500 max	
10	Metal content				
	a)	Calcium	% by wt	ASTM D-4628	0.20 min
	b)	Magnesium	% by wt		0.01 max
	c)	Zinc	% by wt		0.08 min
	d)	Phosphorus	% by wt	ASTM D-4047	0.08 - 0.10
11	Foaming tendencies / stabilities				
	a)	Sequence I	ml	ASTM D-892	10 / 0 max
	b)	Sequence II	ml		50 / 0 max
	c)	Sequence III	ml		10 / 0 max
12	High temp. high shear viscosity@ 150°C, HTHS	cps	ASTM D-4683	3.7 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	12.0 min	

Health and Safety

Balmerol Superstar SAE 20W-40 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 Material Safety Data Sheet are followed.

For further information, contact: **PT. Balmer Lawrie Indonesia**

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