

MAK 4T ZIPP 10W-30

Superior quality engine oil for latest 4 stroke motorcycle

MAK 4T ZIPP 10W-30 is a superior quality motorcycle engine oil developed specifically to meet the requirements of modern 4-stroke bike engines. It is blended from superior quality hydro processed base oils and an advanced additive technology. The engine oil also brings superior engine cleanliness and smoother clutch performance, leading to better ride comfort. It is specially formulated for the lubrication of the engine, gear box and wet clutch to result in an improved engine performance and engine durability. This oil ensures quick start and rapid acceleration under normal driving conditions. MAK 4T ZIPP 10W-30 has excellent control over deposit formation even at extreme operating conditions.

Applications:

MAK 4T ZIPP 10W-30 engine oil is recommended for all latest generation 4 stroke motorcycles manufactured by leading manufacturers recommending SAE 10W-30 viscosity grade.

Performance/ Benefits:

Smooth Running Engine – advanced additive chemistry combined with superior quality base stocks offers smooth running of engine in all climatic conditions.

Oxidative and Thermal Stability – excellent resistance to oil breakdown under high temperatures and aggressive driving conditions. Controls oil thickening. Enhances engine and oil life.

Excellent Engine Protection – premium additive technology offers high resistance to wear of engine and clutch parts by offering sufficient oil film thickness at high temperatures.

Smooth Clutch Operation – optimised co-efficient of friction reduces wear of engine parts and enables smoother clutch operation.

Gear Protection – superior protection of gears during frequent gear changes in stop-go traffic conditions.

Excellent Rust Protection – offers very high rust protection and reduced maintenance cost.

Reduced Fuel Consumption – lower viscometry offers an excellent potential to reduce fuel consumption.

Excellent Pickup – faster pickup and superior acceleration at the touch of throttle.

Excellent Deposit Control – superior detergent and dispersant chemistry reduces sludge and varnish formation to provide a cleaner running engine which increases oil and engine life.

Performance Level/ Specification:

Meets the performance benchmarks of

- API SL
- JASO MA2

Typical Physico-Chemical Data: MAK 4T ZIPP 10W-30

Characteristics	Method	Value
SAE Viscosity Grade	SAE J300	10W-30
Color	Visual	Brown
Appearance	Visual	Clear and Bright
Density @29.5°C, g/cc	ASTM D1298	0.854
Kinematic Viscosity @40°C, cSt	ASTM D445	72.8
Kinematic Viscosity @100°C, cSt	ASTM D445	10.50
Viscosity Index	ASTM D2270	130
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-27
Foaming Tendency	ASTM D892	
a) Sequence I		NIL/ NIL
b) Sequence II		NIL/ NIL
c) Sequence III		NIL/ NIL

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing and store under protected storage conditions.

Health & Safety:

It is unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.