

# CUPRUM

## CUPRUM MOTOR OIL ROYAL ALLOY 10W40

Synthetic Motor Oil  
API SL/JASO MB

This Cuprum 10W40 Royal Alloy Special Edition is an eco-friendly motorcycle oil, custom-blended using a combination of oils with the incorporation of copper filming technology. Additive package containing copper in ionic form has unique anti-friction, anti-wear, and anti-scuff properties, significantly increases the service life of friction units and the entire engine.

The additive package in Cuprum oil is an advanced technology formulation for engine unbeatable protection and performance, while also contributing to reducing hazardous emissions.

### Application

Cuprum 10W40 Motor Oil is designed for four-stroke scooters and other motorcycle engines, with or without integrated gearbox, with wet or dry clutch, fitted with catalytic converters. Suitable for automatic scooters of leading brands across the globe.

### Advantages and Potential Benefits

- Energy-saving and anti-friction properties significantly **reduce fuel consumption**;
- Enhance your **engine power & torque**, giving it **superior acceleration and speed**;
- Low volatility and flash point **reduce oil consumption**
- Anti-wear properties, giving **exceptional protection for the internal metal surfaces of the engine**;
- Superior detergent/dispersant properties **prevent deposit formation and keep engines clean**;
- Effectively **protects against corrosion**;
- **Reduces hazardous substances** in exhaust gases, helping the users contribute for the environment.

### Specification and Approvals

This product is recommended for use in applications requiring:

**API SL** or lower and **JASO MB**



# CUPRUM

## Physical and Chemical Parameters

Parameter	Method	Permissible change range	Normal value*
Density at 15°C, Kg/liter	ASTM D 4052	Not standardized	0,8522
Kinematic Viscosity at 100°C, cSt	ASTM D 445	12,5–16,3	14,95
Kinematic Viscosity at 40°C, cSt	ASTM D 445	Not standardized	94,27
Viscosity Index	ASTM D 2270	Not less than 130	167
Flash Point, °C	ASTM D 92	Not below than 200	220
Pour Point, °C	ASTM D 97	Not higher than -28	-30
Total Base Number, mg.KOH/g	ASTM D 2896	Not less than 5	6,73

## Packaging:

Can 1 L

## Features of Use



Preparation of the engine is mandatory when switching to CUPRUM oil. **It is recommended that you clean your engine with CUPRUM DETERGENT.** Before switching to this oil, it is recommended to consult with a company representative.

## Quality Assurance

At CUPRUM, we take quality control very seriously. Every batch of our products undergoes laboratory testing in an accredited facility to ensure they meet our strict technical specifications. This ensures that our customers receive high-quality products that meet their needs and provide reliable performance.

\*The typical physicochemical characteristics provided are for reference only and are not necessarily technical specifications for production and sale  
The information is for reference only. This version of the product technical description supersedes previous versions and is subject to change without notice. Detailed specifications are available upon request at [info@cuprum.co.id](mailto:info@cuprum.co.id)

v.20231017



PT. CUPRUM INDUSTRIES INDONESIA  
RDTX Tower 15th Floor Jl. Prof. Dr. Satrio Kav. E-IV No. 6,  
Mega Kuningan, Jakarta, 12950



[info@cuprum.co.id](mailto:info@cuprum.co.id)  
[www.cuprum.co.id](http://www.cuprum.co.id)



+62 821 2121 4128