

# CUPRUM

## CUPRUM MOTOR OIL 15W-50

Premium Synthetic Motor Oil

This premium synthetic lubricant is an eco-friendly solution formulated using a combination of oils, incorporating proprietary copper filming technology to meet and exceed the requirements of leading motorbike manufacturers across the globe. 4

The additive package features ionic copper, which imparts exceptional anti-friction, anti-wear, and anti-scuffing characteristics. These properties contribute to a substantial extension in the service life of loaded components, overall engine performance improvement and an unprecedented decrease in engine running temperature.

Cuprum Motorcycle Oil 15W-50 can partially restore the surface finish of metal contact points. The exceptional properties of this lubricant also contribute to a reduction in emissions, making it an environmentally conscious choice for users and industries.

### Application

Cuprum Motorcycle Oil 15W-50 is specifically recommended for lubrication of four-stroke motorcycle engines in high-performance motorcycles and meets or exceeds standard industry quality levels.

Designed for outstanding protection and best performance over a wide range of temperatures and extreme engine stress conditions, where conventional oil often may not perform.

### Advantages and Potential Benefits

- Energy-saving and anti-friction properties significantly **reduce fuel consumption and increased engine power & torque**;
- Exceptional anti-wear properties **extend the engine's service life**;
- Low volatility and flash point **reduce oil consumption**;
- Highly shear resistant, allowing the **oil to maintain properties** during engine overloads;
- Excellent oxidative and thermal stability **extends oil life**;
- Superior detergent/dispersant properties **prevent deposit formation and keep engines clean**;
- Maintains its properties when working in a **wide temperature range**;
- Effectively **protects against corrosion**;
- Unprecedented **decrease in engine running temperatures**;
- **Reduces hazardous substances** in exhaust gases, making it an environmentally responsible choice.



# CUPRUM

## Specification and Approvals

This product is recommended for use in applications requiring:

**API SL**

## Physical and chemical parameters

Parameter	Method	Permissible change range	Normal value*
Kinematic Viscosity at 100°C, cSt	ASTM D 445	16,30–21,90	17,86
Kinematic Viscosity at 40°C, cSt	ASTM D 445	Not standardized	119,9
Viscosity Index	ASTM D 2270	Not less than 130	166
Density at 15°C, Kg/liter	ASTM D 4052	Not standardized	0,8539
Flash Point, °C	ASTM D 92	Not below than 200	220
Pour Point, °C	ASTM D 97	Not higher than -23	-30
Total Base Number, mg.KOH/g	ASTM D 2896	Not less than 5	7,26
Sulphated Ash, %wt	ASTM D 874	Not more than 1,0	0,88

## 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 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  
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. 20230907



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