CUPRUM MOTOR OIL 2T

Synthetic engine oil for motor vehicle engines, working on a fuel-oil mixture
API TC/JASO

The oil is formulated using a combination of oils with the incorporation of copper filming technology. Additive packages containing copper in ionic form have unique anti-friction and anti-wear properties, significantly increases the service life of friction units and the entire engine.

Even though the oil interacts with friction surfaces as a rule in the composition of the air-fuel-oil mixture, the formula of the additive package provides sufficient adhesive properties to achieve a protective effect.

Application

It is intended for use in all types of modern two-stroke engines: motorcycles, mopeds, scooters, and other two-strokes motorcycles.

Recommended for modern high-load and high-volume two-stroke engines with air and liquid cooling. Suitable for lubrication with a pre-prepared mixture and automatic mixing in the engine air intake. Designed for guaranteed engine protection.

Advantages and Potential Benefits

- Ensures **stable operation of the engine** under all conditions of use, including high temperatures and loads;
- **Prevents the formation of carbon** deposits in combustion chamber wall, on pistons, nozzles in the exhaust manifold and exhaust pipe, etc;
- **Prevents carburization and freezing** of piston rings, which can increase the service life of the engine;
- Energy-saving and anti-friction properties significantly **reduce fuel consumption**;
- Excellent **anti-wear properties** protects the cylinder-piston group from, prevents wear and tears on the cylinder walls even with extreme pressures, which **significantly increases the service life** of the engine;
- Forms a very **stable mixture** with all types of fuel, even at low temperatures;
- **Protects against corrosion;**
- Provides **complete and smokeless combustion**.

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Specification and Approvals

This product is recommended for use in applications requiring:

API TC and **JASO FC**.

Physical and Chemical Parameters

Parameter	Method	Permissible change range	Normal value*
Density at -15°C, Kg/L	ASTM D 4052	Not standardized	0,8512
Kinematic Viscosity at 100°C, cSt	ASTM D 445	6,5-12,5	7,58
Kinematic Viscosity at 40°C, cSt	ASTM D 445	Not standardized	43,24
Viscosity Index	ASTM D 2270	Not less than 90	131
Flash Point, °C	ASTM D 92	Not below than 70	150
Total Base Number, mgKOH/g	ASTM D 2896	Not more than 4,0	2,70
Suphated Ash, %wt	ASTM D 874	Not more than 0,25	0,05
Metal Content (Ca), %wt	ASTM D 5185	Not less than 0,02	0,0210

Packaging:

Can 1 L

Features of Use

Pay attention to the fuel-oil mixture proportions recommended by the engine manufacturer. If not available, the recommended proportion is 1:50. 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

v. 20231010

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