



MOTUL NGEN 5 10W-50 4T

**Next Generation Motorcycle Engine Lubricant
Recreational & Commuting
Sustainable synthetic blend**

TYPE OF USE

MOTUL NGEN 5 is an innovative, sustainable motor oil based on a combination of finest base stocks and additives blended with synthetic esters and high quality regenerated base oils.

Suitable for any type of street or off-road motorcycle with 4-stroke engine, with or without integrated gearbox, wet or dry clutch. Perfect for motorcycles with exhaust after-treatment systems such as catalytic converters or secondary air injection. Designed for both, day-to-day riding & recreational activities. Also ideally suited for any Youngtimer or Classic motorcycle.

Other applications: ATVs, UTVs, SxS, personal watercraft (PWC) or snowmobiles depending on manufacturer's viscosity recommendation.

PERFORMANCES

STANDARDS API SP
 JASO MA2 (2023) No. M033MOT220

Features and benefits

- Synthetic-based lubricant reinforced with an exclusive Ester technology to ensure anti-wear properties and improved gear protection and life.
- Stronger oil film resistance at high temperatures for extended overall engine protection.
- Optimized phosphorus and sulfur content for best catalyst operating conditions.
- Dedicated formula for maximum efficiency & protection, smooth shifting, optimized fuel economy and easy start-up
- The API SP standard guarantees further performance benefits including emissions system compatibility, oxidative stability and deposit control for the most severe modern hardware applications.
- JASO (Japanese Automobile Standards Organization) has developed its own standard for 4-stroke motorcycle engine oils - JASO T903: 2023. It consists of three parts: Engine performance, clutch friction performance, physicochemical limits. Specification JASO MA2 provides the most efficient friction values to ensure best clutch friction engagement in all riding modes.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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Sustainability

MOTUL NGEN is a cross-product technology name for all sustainable MOTUL lubricants. These state-of-the-art formulations are one part of a completely new sustainable concept.

Comparing the environmental benefits of refined base oils with those of primary production, regenerated base oils cause only about 35% as many CO2 emissions.*

MOTUL NGEN 5 is based on up to 75% high-quality regenerated oils and, in addition, this lubricant is filled in a new type of bottle, which is made of 50% recycled material and is 100% recyclable.

*Ifeu, LCA for regeneration of waste oil to base oil – 2022 Report

RECOMMENDATIONS

Drain interval: Up to 16,000 km, depending on manufacturer's recommendations or individual use.
Can be mixed with synthetic or mineral lubricants.

PROPERTIES

Color	Visual	Amber
Viscosity grade	SAE J 300	10W-50
Density at 20°C (68°F)	ASTM D1298	0.856
Viscosity at 40°C (104°F)	ASTM D445	119.5 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	18.0 mm ² /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	4.4 mPa.s
Viscosity Index	ASTM D2270	168.0
Pour point	ASTM D97	-39.0 °C / -38.0 °F
Flash point	ASTM D92	228.0 °C / 442.0 °F

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