



## MOTUL NGEN 7 5W-40 4T

**Next Generation Motorcycle Engine Lubricant**  
**Sport & Adventure**  
**Sustainable synthetic blend**

### TYPE OF USE

**MOTUL NGEN 7** is a best-in-class 4-stroke motor oil based on a combination of finest virgin base oils and additives blended with synthetic esters and high quality regenerated base oils.

Suitable for any type of high performance 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 severe conditions in sport and adventure riding.

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

### PERFORMANCES

STANDARDS                      API SP  
    JASO MA2 (2023) No. M033MOT225

#### Features and benefits

- Synthetic-based lubricant reinforced with an exclusive Ester technology to minimize internal engine friction losses and improved overall performance.
- Synergy of ester with anti-wear additives provides improved shear stability for better gear protection and longer life.
- Stronger oil film resistance at high temperatures for extended overall engine protection especially at high engine speeds.
- Optimized phosphorus and sulfur content for best catalyst operating conditions.
- MOTUL NGEN 7 maintains its performance throughout the entire oil drain interval.
- Specially formulated for sharp engine response, increased clutch grip / improved shifting, high temperature resistance and protection.
- The API SP standard guarantees further performance benefits including emissions system compatibility, oxidative stability and deposit control for the most severe modern hardware applications.

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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– 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.

### 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 7** is based on up to 50% 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  | 5W-40                   |
| Density at 20°C (68°F)          | ASTM D1298 | 0.852                   |
| Viscosity at 40°C (104°F)       | ASTM D445  | 79.1 mm <sup>2</sup> /s |
| Viscosity at 100°C (212°F)      | ASTM D445  | 13.3 mm <sup>2</sup> /s |
| HTHS viscosity at 150°C (302°F) | ASTM D4741 | 3.6 mPa.s               |
| Viscosity Index                 | ASTM D2270 | 172.0                   |
| Pour point                      | ASTM D97   | -42.0 °C / -44.0 °F     |

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Flash point

ASTM D92

228.0 °C / 442.0 °F

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