



MOTUL NGEN 7 5W-40 4T

Next Generation Motorcycle Engine Lubricant
Sustainable synthetic blend
Sport and adventure riding

TYPE OF USE

MOTUL NGEN 7 5W-40 4T 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 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, Scooters, ...

PERFORMANCES

STANDARDS API SN
 JASO MA2 No. M033MOT197

Protection

- Synthetic-based lubricant reinforced with a low friction coefficient Ester base to minimize internal engine friction losses and improve performance and throttle response.
- Synergy of ester with anti-wear additives provides improved shear stability for better gear protection and longer life.
- Improved 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.

Performance

- The API SN standard guarantees improved high temperature deposit protection for pistons and more stringent sludge control.

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. All motorcycle oils tested to this standard must meet specific lubricant properties that are important for motorcycle engines with integrated gearboxes, including specific friction coefficient requirements to determine whether the oil is suitable for oil bath clutches.

It includes three classes MA, MA1 and MA2. JASO MA2 provides the most efficient friction values to ensure clutch friction engagement in the following three riding modes: Starting, acceleration and constant speed.

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

Motul 2/3 TECHNICAL DATA SHEET

RECOMMENDATIONS

Drain interval: According to manufacturer's recommendations or based on 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	0.855
Viscosity at 40°C (104°F)	ASTM D445	78.9 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	13.5 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.7 mPa.s



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Viscosity Index	ASTM D2270	175.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
TBN	ASTM D2896	8.4 mg KOH/g
Flash point	ASTM D92	220.0 °C / 428.0 °F

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