



MOTUL NGEN 4 10W-40

**Eco designed motor oil – Gasoline & Diesel
Sustainable Synthetic Blend**

TYPE OF USE

Innovative and durable synthetic engine lubricant based on a combination of synthetic base oil and additives combined with premium regenerated base oils.

This cutting-edge formulation is part of a brand-new sustainable concept at Motul combining both the use of regenerated base oils and the use of Motul cans made from 50% recycled plastic and 100% recyclable.

As part of a pure sustainable development approach, MOTUL NGEN is the common name to describe the sustainable lubricant ranges at Motul using different technologies in formulations and packaging, to reduce its carbon footprint.

This dedicated formula is specially designed for mid-aged cars, Gasoline and Diesel engines, naturally aspirated or turbo-charged, indirect or direct injection, carburettor or injection, with or without catalytic converter.

Suitable for all type of fuels: leaded or unleaded Gasoline, Ethanol, LPG, Diesel and biofuels.

Compatible for catalytic converters.

PERFORMANCES

STANDARDS	ACEA A3/B4 API SERVICE SP
APPROVALS	RENAULT RN0710 - RN0700 VW 501 01 505 00
PERFORMANCES	MERCEDES-BENZ MB 229.3, PSA Groupe PSA B71 2300

The ACEA B4 performance requires an outstanding detergent/dispersant power and a better viscosity increase resistance due to soot produced by Direct Injection Diesel engines (except VAG (VW, Audi, Skoda and Seat) unit injector pump engines that require MOTUL 8100 X-CLEAN 5W-40).

The API SP standard is fully backward compatible over API SN standard and all former API standards.

API SP lubricants provide outstanding oxidation resistance, better anti-deposits protection, better engine cleanliness, anti-wear protection and enhanced performance at cold temperature for Fuel Economy savings during the whole oil life span.

Besides being backward compatible, compare to API SN and API SN Plus, the API SP standard provides higher performance and especially adds protection against LSPI for downsized direct injection turbocharged gasoline engines.

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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RENAULT has developed RN0700 standard for oils able to provide a high thermal stability and insure an outstanding resistance at high temperatures.

In general, RN0700 standard applies for all Naturally Aspirated Gasoline engines (except Renault Sport) of RENAULT Group (RENAULT, DACIA and SAMSUNG). The RN0700 standard applies also to all RENAULT vehicles fitted with Diesel engine 1.5 dCi without DPF < 100 HP with oil drain interval of 20 000 km or 1 year. Before use, always refer to the owner manual or handbook of the vehicle.

The MB 229.3 standard is more stringent than the 229.1 in terms of aging resistance (extended drain interval: on board computer) and Fuel Economy performance: 1.2% Fuel Economy improvement compare to a 15W-40 oil reference. The MB 229.3 standard applies for most of MERCEDES Gasoline engines and the majority of MERCEDES Diesel engines without DPF (Diesel Particulate Filter).

PSA for its B71 2300 norm requires oil to be able to endure the most severe thermal constrains in order to lubricate some of their Gasoline engines and some Diesel engines without DPF.

The reinforced sustainable synthetic base stock provides very high lubricating power which reduces frictions, decreases the volatility and ensures resistance to very high temperatures reached in modern engines.

The viscosity grade SAE 10W-40 is fully suitable for recent Gasoline and Diesel engines.

Anti-oxidation, Anti-wear, Anti-corrosion, Anti-foam properties.

RECOMMENDATIONS

Drain interval: according to manufacturers' recommendations and tune to your own use.

Can be mixed with synthetic or mineral oils.

Before use or if in doubt, always refer to the owner manual or handbook of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	10W-40
Density at 20°C (68°F)	ASTM D1298	0.860
Viscosity at 40°C (104°F)	ASTM D445	96.7 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	14.8 mm ² /s

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Viscosity Index	ASTM D2270	160.0
Pour point	ASTM D97	-42.0 °C / -44.0 °F
TBN	ASTM D2896	10.1 mg KOH/g
Flash point	ASTM D92	222.0 °C / 432.0 °F

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