



MOTUL BREAK-IN ENGINE OIL 10W-40

**High-Performance Engine Oil for breaking-in 4-Stroke engines
Mineral**

TYPE OF USE

Motul Break-In Oil 10W-40 is a high-performance conventional lubricant specially formulated for running-in all types of 4-stroke engines in both automotive and powersports applications, whether it's a standard rebuilt engine or for racing purposes.

Its high ZDDP fortified formula provides fast and safe mating of piston rings and cylinder liners while providing supreme protection for high-lift camshafts and flat-tappets.

Its unique additive combination makes it fully compatible with wet-clutches and integrated gearboxes in Motorcycles, ATV/UTVs, SXS, etc

PERFORMANCES

STANDARDS **JASO MA2 (T903:2011)**
API SJ/SH/CF

Motul Break-In Oil 10W-40 is a high-performance conventional lubricant specially formulated for running-in all type of 4-stroke engines in both automotive and powersports applications (whether air or water-cooled)

Key Characteristics and Product features:

- Balanced friction modifiers to enhance break-in efficiency.
- Increased level of **ZDDP** (Zinc dialkyldithiophosphate) reinforces cam lobes, flat tappet and rockers protection.
- Shear stable Viscosity Index modifier to maintain the optimum lubricating film and ring seal in hot running engines.
- Balanced detergent/dispersant levels to ensure fast breaking-in but still prevents deposits formation
- Two-levels of extreme pressure additives for protection of high lift cams, with or without roller bearings.

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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RECOMMENDATIONS

Break-In and running intervals: refer to your component manufacturers' recommendations, which normally include operating the engine under variable load and r.p.m.s (up to 75% load) avoiding excessive idling (to prevent glazing from happening). Change oil according to recommended running intervals which range between 100 to 1000 miles and up to 50 hours, depending on engine type and component materials.

This product can be mixed with synthetic or mineral lubricants.

PROPERTIES

Color	Visual	Blue
Viscosity grade	SAE J 300	10W-40
Density at 20°C (68°F)	ASTM D4052	0.859
Viscosity at 40°C (104°F)	ASTM D445	105.7 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.7 mm ² /s
Viscosity Index	ASTM D2270	150.0
Pour point	ASTM D97	-42.0 °C / -43.6 °F
Sulfated Ash	ASTM D874	% weight 1.02
TBN	ASTM D2896	6.1 mg KOH/g
Flash point	ASTM D92	220.0 °C / 428.0 °F

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