



MOTUL SPECIFIC 2010 0W-20



**“Fuel Economy” lubricant - PSA Peugeot Citroën
PSA Gasoline engines
PSA “BlueHDi” Diesel engines With SCR and/or DPF
100% Synthetic**

TYPE OF USE

High Performance 100% Synthetic “Fuel Economy” engine oil specially designed for the latest generations of “BlueHDi” Diesel engines with SCR (Selective Catalytic Reduction) and “PureTech” Gasoline engines from STELLANTIS / PSA group (Peugeot, Citroën and DS) meeting Euro 4, 5 or 6 emissions levels, and requiring an approved PSA B71 2010 oil.

Suitable for all Gasoline and Diesel engines requiring an approved PSA B71 2010 lubricant such as OPEL, VAUXHALL or TOYOTA.

Suitable also for all modern Gasoline and Diesel engines requiring a 0W-20 viscosity grade Fuel Economy ACEA C5 lubricant.

Before use, always refer to the vehicle owner’s manual.

PERFORMANCES

STANDARDS ACEA C5

APPROVALS PSA Groupe PSA B71 2010

PSA – Peugeot, Citroën and DS, has developed B71 2010 standard for oils able to endure the most severe thermal constrains along with most modern after treatment systems compatibility. The PSA B71 2010 standard applies to all Peugeot, Citroën and DS vehicles equipped with “BlueHDi” Diesel engines fitted with SCR (Selective Catalytic Reduction) allowing NOx (Nitrous oxides) treatment through the use of AdBlue® additive or so-called “Diesel Exhaust Fluid”. B71 2010 specification also covers most of the recents PSA Gasoline engines, especially the “PureTech” series.

The exclusive technology of reduced Sulfated Ash levels and reduced Phosphorous and Sulfur contents (mid-SAPS) protects and extends lifetime of modern after treatment systems such as SCR (Selective Catalytic Reduction) and Diesel Particulate Filter (DPF).

The 100% Synthetic base stock provides a high thermal stability and insures an exceptional resistance at high temperatures. Prevents from varnish and sludge to maintain engine cleanliness, and lowers the risk of ring sticking.

Maximum protection and performance of the lubricant preserved even in the most severe conditions.

Low volatility for a reduced oil consumption and outstanding oxidation resistance of the oil to ensure extended oil drain intervals set by PSA.

Meets perfectly the highest demands of performance and durability validated by extensive testing. Compared to others standards already very demanding such as PSA B71 2290 or PSA B71 2312, for its B71 2010 standard, PSA requires lubricants able to cope with the most stringent oxidation resistance and thermal stresses and to be compatible with their

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aftertreatment systems.

PSA B71 2010 standard also requires improved cold flow properties to reduce hydrodynamic friction of the oil, in order to obtain fuel economy benefits especially when the oil is cold. This extra requirement for cold flow properties allows excellent oil flow at start up, faster oil pressure build up, faster revs raisings and faster operating temperature reach.

The ACEA C5 standard requires from the lubricant significant oil film resistance, LSPI protection and low emission performance during use in powerful engines. ACEA C5 standard requires also friction reduction to ensure significant gains in energy savings, and therefore fuel economy benefits.

Viscosity grade 0W-20 reduces the hydrodynamic friction of the lubricant, resulting in fuel savings specially when the oil is cold.

This type of low viscosity lubricant allows fuel consumption reduction and therefore reduces greenhouse gases (CO₂) emissions.

RECOMMENDATIONS

Drain interval: refer to manufacturer’s recommendations and tune to your own use.

Do not mix with non PSA B71 2010 compliant oils.

When in doubt, always refer to the vehicle owner’s manual.

PROPERTIES

Viscosity grade	SAE J 300	0W-20
Density at 20°C (68°F)	ASTM D1298	0.843
Viscosity at 40°C (104°F)	ASTM D445	42.1 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	8.2 mm ² /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.6 mPa.s
Viscosity Index	ASTM D2270	176.0
Pour point	ASTM D97	-48.0 °C / -54.0 °F
Sulfated Ash	ASTM D874	% weight 0.83
TBN	ASTM D2896	10.0 mg KOH/g
Flash point	ASTM D92	224.0 °C / 435.0 °F

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