

“Fuel Economy” lubricant - STELLANTIS
“PureTech” Gasoline engines
“BlueHDi” Diesel engines With SCR and/or DPF
100% Synthetic

TYPE OF USE

100% Synthetic high-performance engine oil, “Fuel Economy” specially designed for recent STELLANTIS vehicles from the PSA group (Peugeot, Citroën, DS, Opel,...) and FCA (Fiat, Chrysler, Jeep...) equipped with “BlueHDi” diesel engines with SCR (Selective Catalytic Reduction - NOx) and some “PureTech” gasoline engines that require an FPW9.55535/03 engine oil and comply with Euro 4, 5 or 6 emission levels.

Suitable for all gasoline and diesel engines that require a lubricant that complies with the FPW9.55535/03 specifications, such as OPEL, VAUXHALL or TOYOTA.

Also suitable for all modern gasoline and diesel engines that require a lubricant that complies with a viscosity grade 5W-30, Fuel Economy and ACEA C3.

Always consult the vehicle's owner's manual before use.

PERFORMANCES

STANDARDS ACEA C3

PERFORMANCES PSA Groupe PSA B71 2297, PSA Groupe STELLANTIS FPW9.55535/03

The STELLANTIS group (PSA & FCA) has developed FPW9.55535/03 standard for oils able to endure the most severe thermal constraints along with most modern after treatment systems compatibility. The STELLANTIS FPW9.55535/03 standard applies to all “BlueHDi” 1.5L and 2.2L 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”. The FPW9.55535/03 specification also covers some PSA Gasoline 1.2L “PureTech” requiring this standard. Indeed, this dedicated lubricant helps reduce the wear of the timing chains on these engines in order to increase their reliability.

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, especially on cylinders and pistons, 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 as set by STELLANTIS.

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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Meets perfectly the highest demands of performance and durability validated by extensive and specific testing as per STELLANTIS requirements.

Compared to others standards already very demanding such as PSA B71 2290, PSA B71 2312 or PSA B71 2010, for its FPW9.55535/03 standard, STELLANTIS requires lubricants able to cope with the most stringent oxidation resistance and thermal stresses, to protect against LSPI and to be compatible with their aftertreatment systems.

The ACEA C3 standard requires from the lubricant significant oil film resistance and low emission performance during use in powerful engines.

The PSA B71 2297 standard applies in certain hot countries, associated with the use of harsh and lower quality fuels (biofuels and/or high sulfur content).

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 STELLANTIS FPW9.55535/03 compliant oils.

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

PROPERTIES

Viscosity grade	SAE J 300	5W-30
Density at 20°C (68°F)	ASTM D1298	0.851
Viscosity at 40°C (104°F)	ASTM D445	72.7 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	12.1 mm ² /s
HTHS viscosity at 150°C (302°F)	SAE J 300	3.5 mPa.s
Viscosity Index	ASTM D2270	163.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
Sulfated Ash	ASTM D874	% weight 0.69
TBN	ASTM D2896	9.2 mg KOH/g
Flash point	ASTM D92	248.0 °C / 478.0 °F

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