

'Creation d'Automobile'

French car brands have been a very familiar sight on our streets since the beginning of the last century. The high-volume French car brands are Renault, Peugeot and Citroën. Recently, the Vauxhall car brand became part of the PSA (Peugeot & Citroën) group. 80% Of the cars made by French car manufacturers are sold outside of France. But the succes doesn't limit itself to cars; the French brands are also active in the segment of light commercial vehicles.

French car brands are traditionally known for their progressive (sometimes even daring) design in combination with the use of the latest technologies. In the area of engines / transmissions, French car brands have made very specific demands on engine and transmission oils, and coolants in recent years. These requirements are mainly aimed at preventing damage, wear and tear, unnecessary fuel and oil consumption and, of course, reduction of emissions to protect the environment and people.



In summary:

- Cars made by French car brands (Renault, Peugeot, Citroën) are equipped with the most modern technologies aimed at preventing damage, wear and tear, unnecessary fuel and oil consumption and, of course, reducing emissions to protect the environment.
- French car manufacturers prescribe the mandatory use of very specific lubricants (engine and transmission), and these must meet brand specific specifications (OEM specifications).
- French car manufacturers also prescribe specific coolants for their different models.

Tips for the workshop:

- French car brands typically use highly sophisticated technology. This technology was developed with comfort, power, torque, fuel savings, emission reduction and sustainable driving in mind. It requires the use of oils and liquids prescribed by the French car manufacturers.
- The French car manufacturers use their own (OEM), mandatory prescribed engine and transmission oil specifications, which are very specific to their technology. For the PSA group these specifications start with the characters B71 (for example B71 2296), for Renault they start with RN (for example RN 0720).
- Always consult the MPM website (www.mpmoil.nl) in your own language for the applicable oil and coolant advice for the specific French car in question.

MPM oils and liquids specifically for the French car brands

The OEMs such as Renault, Peugeot and Citroën, typically apply engines and transmissions which are fully developed and produced in-house. For these engines and transmissions, French car manufacturers prescribe their own specific OEM specifications. Mind you: these do not refer to a general ACEA or API specification. Within the industry it is expected that new oil specifications will also be introduced for Opel since they are now part of the PSA group. These specifications will become the so-called OV specifications, as in Opel / Vauxhall. MPM has an extensive range of lubricants and coolants for French car brands.

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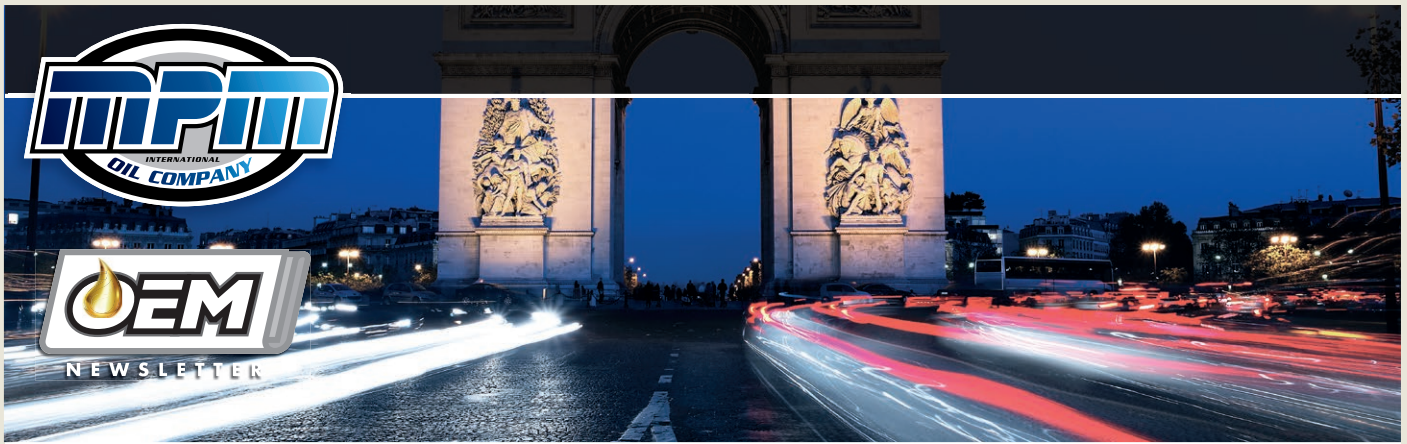


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Moving things forward...



The Turbo PureTech 3-cylinder petrol engine from PSA



The European emission requirements from 2014 on and the new hybrid powertrains, have led to the use of new technologies in the current engines and powertrains used by French car manufacturers. Some examples are cylinder coating, variable valve timing for inlet and outlet valves, high-pressure direct petrol injection (TGDI) and GPF (Gasoline Particle Filter). These technologies have a direct influence on the composition of the transmission oil engines. The phenomenon of LSPI in TGDI engines (see also MPM OEM newsletter number 4) also influences the composition of the engine oil. All these developments lead French car manufacturers to prescribe their own very specific engine and transmission oils. So it is very important to use the correct oil with the specification prescribed by the manufacturer. The MPM website will inform you on which oil is suitable for these cars.

For technical questions:

Contact MPM Technical Support at support@mpmoil.nl or call 0031 (0)15 - 251 40 30.

Cooling fluids

In addition to their specific requirements for oils, both the Renault and the PSA group have their own specific requirements for coolant for their more recent car models. For example, PSA prescribes a coolant that must comply with the PSA B71 5110 specification (MPM 86000CPC). Renault also has its own very specific coolant, this is the MPM 86000CRN. Both products are also available as antifreeze (concentrate). Using the mandatory cooling fluid is equally as important to ensure a long life for the engines of the French cars.

86000CPC
MPM Coolant
Premium Longlife
Citroën / Peugeot



86000CRN
MPM Coolant
Premium Longlife
Renault



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