

A million diesel BlueHDi engines now boast SCR technology

The millionth Euro 6 BlueHDi diesel engine rolled off the assembly line at Trémery, in the Moselle region of France this week.

Two different sized Euro 6 BlueHDi diesel engines are manufactured at Trémery: 1.6 (100 hp and 120 hp) and 2.0l (150 hp and 180 hp). BlueHDi technology, which was gradually rolled out across the PSA Group's vehicles from September 2013 ahead of the introduction of the Euro 6 standard in September 2014, is now used on all Peugeot, Citroën and DS brand Euro 6 diesel models.

BlueHDi technology continuously limits diesel engine pollutant emissions using three emissions control mechanisms fitted in the exhaust line: an oxidation catalyst, an additive-technology particulate filter to eliminate particulates in mass and number, and Selective Catalytic Reduction (SCR) technology, which is positioned upstream of the particulate filter to significantly reduce the nitrogen oxides (NOx) released by the engine. BlueHDi technology is the subject of around 100 patents filed by PSA Group.

The site currently manufactures 7,000 diesel engines a day, of which 5,000 are 1.6l engines (815,000 units manufactured since its launch in 2014) and 2,000 are 2.0l engines (185,000 units manufactured since September 2013).

Commenting on the achievement, Christian Chapelle, PSA Group Vice-President, Powertrain and Chassis Engineering, said: *“After pioneering the use of the particulate filter in 2000 and being the first carmaker to use SCR technology on all its vehicles, this milestone of one million BlueHDi engines – the most effective pollutant emissions reduction solution in the market – confirms PSA Group's commitment to offering its customers sustainable and clean mobility solutions.”*



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About PSA Group

With its three world-renowned brands, Peugeot, Citroën and DS, PSA Group sold 3 million vehicles worldwide in 2015. The second largest carmaker in Europe, PSA Group recorded sales and revenue of €54 billion in 2015. The Group confirms its position of European leader in terms of CO₂ emissions, with an average of 104.4 grams of CO₂/km in 2015 and is currently the leader in connected vehicles, with a fleet of 1.8 million connected vehicles on the road worldwide. It is also involved in financing activities (Banque PSA Finance) and automotive equipment (Faurecia).

For more information, please visit groupe-psa.com/en

About the Trémery-Metz industrial facility

Created in July 2014, this industrial facility is the leading private employer in Lorraine, with 5,000 employees. It includes the Trémery plant, which specialises in the manufacture of engines (3-cylinder PureTech petrol 1l and 1.2l engines and 4-cylinder BlueHDi diesel 1.6l and 2l engines) and the Metz plant, which manufactures manual gearboxes with five or six gears. The engines and gearboxes manufactured in Lorraine are used in the majority of the Group's vehicles. In 2015, the Trémery-Metz industrial facility manufactured 1,845,000 engines and 902,000 gearboxes.