



4. The powertrain: The most innovative and sporty diesel engine in the world.

- **World's most powerful six-cylinder in-line diesel engine, unique technology: M Performance TwinPower Turbo with three turbochargers and further developed common-rail injection system for the first time.**
- **Maximum output: 280 kW/381 hp, peak torque: 740 Newton metres (546 lb-ft), instantaneous, linear power delivery across a wide rev band, maximum revs: 5,400 rpm.**
- **BMW EfficientDynamics: innovative technical highlights ensure optimised efficiency, BMW M550d xDrive with fuel economy of 6.3 litres/100 km (44.8 mpg imp) in the EU test cycle.**

Impressive statistics headline the enviable regard in which modern diesel engines are held. The output now within their compass, but more significantly the maximum torque they are capable of generating have fuelled their popularity among even performance-minded drivers. The high efficiency of diesel technology also ensures extremely low fuel consumption and CO₂ emissions. BMW has played a major role in the burgeoning appeal of the diesel engine, developing units which have time and again raised the bar in terms of sports performance and efficiency. The company's record of diesel engine development, which began in 1983 with the launch of its first diesel model, now continues into another fascinating dimension. The first of the new BMW M Performance Automobiles – founding a product category focusing on sporty driving pleasure – are powered by a diesel engine. The 3.0-litre six-cylinder in-line unit, whose cover bears the M Performance badge, has all the necessary tools to fulfil the brief handed to the new breed: technology without parallel worldwide, the highest output ever achieved by a BMW diesel engine and outstanding levels of efficiency.

Fitted in the BMW M550d xDrive, BMW M550d xDrive Touring, BMW X5 M50d and BMW X6 M50d, the 2,993 cc engine generates maximum output of 280 kW/381 hp. No less imposing is its peak torque of