

Q8 Formula Prestige V 5W-30

Q8 Formula Prestige V 5W-30 is an ultra-high performance passenger car motor oil, specially formulated to meet the severe demands of today's and future generations of engines. Offering **fuel economy, engine and after-treatment device protection** for VW, BMW and Daimler diesel and gasoline engines.

Meeting and surpassing the latest performance credentials from OEM's such as Volkswagen, Daimler and BMW, this state-of-the-art engine oil is designed to achieve the latest and most stringent requirements of **VW 504.00/507.00, BMW Longlife-04 and API SP** specifications.

Q8 Formula Prestige V 5W-30 does not only offer benefits related to new OEM and Industry specifications, its Mid-SAPS (Sulphated Ash, Phosphorus and Sulphur) formulation is also compatible with **Gasoline Particulate Filters (GPF)** reducing harmful emissions and offers protection against **Low Speed Pre-Ignition (LSPI)**.



EXTENSIVELY TESTED TO PASS THE LATEST VOLKSWAGEN AND BMW TESTING METHODS

The process of gaining the new VW 504.00 and 507.00 certification begins with ACEA C3 approval, including 1,394 hours of testing on eight engines. Following ACEA testing, the oil advances to PV tests (a sequence ranging from fuel economy to corrosion protection performance) for another 1,402 hours.

The Volkswagen renewed **Baumuster test-programme** is the lubricants final trial, specially designed to evaluate its performance against specific VW engine characteristics, with lubricants put through a minimum of 10,000 hours. Is it exactly this new 2020-edition Baumuster test-method that makes the Q8 Formula Prestige V 5W-30 unique, as standard VW 504.00 and 507.00 specifications are based on older test methods dating from 2005.

BMW launched its Longlife-04 in 2004 and saw updates in 2009 (Euro 5) and 2014 (Euro 6). Since then, a series of new engine test requirements were developed such as the BMW N20 and then the B48 durability tests for advanced gasoline cleanliness and durability in TGDI engines. **Q8 Formula Prestige V 5W-30** now also meet the BMW Longlife-04 approval requirements, supporting BMW B48 test data from December 2018 onwards.

SUPERIOR PROTECTION OF AFTERTREATMENT DEVICES AND LSPI

Gasoline Particulate Filters (GPFs) are the latest aftertreatment devices to be fitted to the exhaust system of passenger cars. The introduction of Real Driving Emissions (RDE) in Europe has further increased the OEM's challenge, and as such GPFs are becoming a key device to enable OEM's to meeting stringent particulate emission levels, lubricants play a vital role to protect these devices.



Gasoline Particulate Filter (GPF)

Q8 Formula Prestige V 5W-30 is fully compatible with GPFs, by incorporating a lower ash level from the outset, the lubricant minimises GPF blockage. Thus, enabling it to continue working effectively for the entire life of the vehicle and minimising the owner's expense for a replacement GPF.

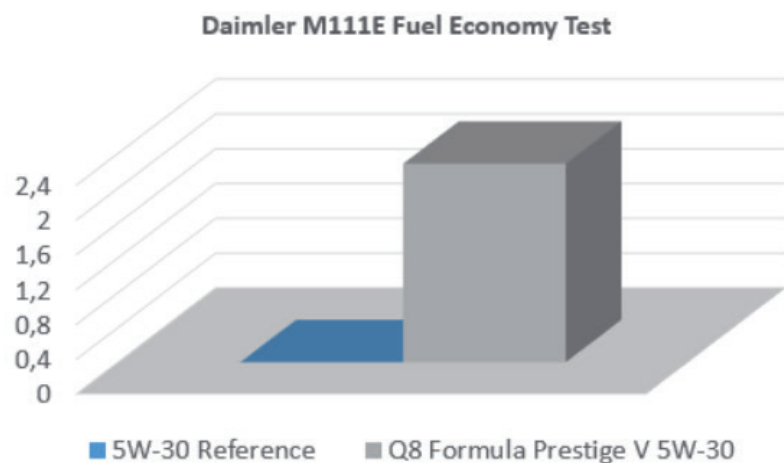
As OEM's continue to develop more sophisticated powertrains, they are increasingly upgrading the performance requirement for engine lubricants. As part of this evolution, **Low Speed Pre-Ignition (LSPI)** is becoming a greater challenge for both OEM as lubricant manufacturers. LSPI is an uncontrolled combustion event that takes place in the combustion chamber prior to spark in GDI engines.

LSPI can lead to extremely high pressures in the combustion chamber and pressure wave reversals that are violent enough to result in catastrophic engine damage. Most commonly, damage includes broken pistons and rings leading to engine replacement. Q8 Formula Prestige V 5W-30 offers superb protection against this LSPI-phenomenon, and is thoroughly tested as part of the **API SP specification**.

OPTIMAL FUEL EFFICIENCY

As well as offering superior engine durability and reliability, the formulation of **Q8 Formula Prestige V 5W-30** enables a significant reduction in fuel consumption.

In the Daimler M111E Fuel Economy tests, Q8 Formula Prestige V 5W-30 provided a fuel economy benefit of 2.28% for vehicle owners, this percentage translates into real-world savings.



SPECIFICATIONS & APPROVALS

ACEA	C3 - 16
API	SP
VAG	VW 504.00 – Baumuster 2020
VAG	VW 507.00 – Baumuster 2020
Porsche	C30
BMW	Longlife-04 2018-B48 test
MB	229.52

