

## Q8 Formula Excel Long Life 5W-40

Synthetic ACEA A3/B4 passenger car engine oil

### Description

Q8 Formula Excel Long Life 5W-40 is an allround high SAPS high-performance engine oil for passenger cars and light duty commercial vehicles. The lubricant guarantees advanced engine protection, and presents optimum cold weather starting properties. It is designed to counter sludge formation and meets the ACEA A3/B4 specification.

### Applications

Q8 Formula Excel Long Life 5W-40 is developed for passenger cars and vans with normally aspirated or turbocharged gasoline, LPG or (direct injection) diesel engines. It is especially recommended for high performance, multi-valve engines with a catalyst. This versatile oil is an all season product that is suitable for different driving conditions. Especially recommended for Mercedes-Benz.

### Benefits

- Outstanding oil film strength under all engine operating conditions.
- Outstanding engine protection after cold starting.
- Excellent protection against rust and corrosion.
- Outstanding friction reduction.

### Specifications, recommendations and approvals

|      |              |         |                  |
|------|--------------|---------|------------------|
| ACEA | A3/B4        | PSA     | B71 2296         |
| API  | CF           | Porsche | A40              |
| API  | SN           | Renault | RN 0700          |
| BMW  | Longlife-01  | Renault | RN 0710          |
| GM   | LL-B-025     | VAG     | <b>VW 502.00</b> |
| MB   | 229.3        | VAG     | <b>VW 505.00</b> |
| MB   | <b>229.5</b> | Volvo   | VCC 95200356     |

Color code blue = officially approved

### Properties

|  | Method        | Unit               | Typical   |
|--|---------------|--------------------|-----------|
| Density, 15 °C                                   | D 4052        | g/ml               | 0,85      |
| Viscosity Grade                                  | -             | -                  | SAE 5W-40 |
| Kinematic Viscosity, 40 °C                       | D 445         | mm <sup>2</sup> /s | 81.9      |
| Kinematic Viscosity, 100 °C                      | D 445         | mm <sup>2</sup> /s | 13.9      |
| Viscosity Index                                  | D 2270        | -                  | 176       |
| Viscosity at high temp. & high shear rate (HTHS) | CEC-L-36-A-90 | mPa.s              | >=3.5     |
| Pour Point                                       | D 97          | °C                 | -39       |
| Flash Point, P-M                                 | D 93          | °C                 | 221       |
| Borderline Pumping Temperature                   | D 3829        | °C                 | -35       |
| Apparent Viscosity, -30 °C                       | D 5293        | mPa.s              | 6600      |

The figures above are not a specification. They are typical figures obtained within production tolerances.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Formula Excel Long Life 5W-40 is **1.23** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



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take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

