

## Q8 Formula M Long Life 5W-40

Synthetic ACEA C3 passenger car engine oil

### Description

Q8 Formula M Long Life 5W-40 is a low SAPS engine oil for outstanding performance. It is suitable for passenger cars and light duty commercial vehicles. The lubricant offers superb oil film strength under all operating conditions, and is designed to provide excellent compatibility with aftertreatment systems. It is designed for Mercedes-Benz Euro 4 and 5 engines requiring low SAPS products.

### Applications

Q8 Formula M Long Life 5W-40 is designed for use in Mercedes-Benz Euro 4 and 5 diesel engines equipped with a DPF and requiring MB 229.51 & 229.31. This versatile product is also approved for the latest Porsche direct injected or turbocharged engines used in all latest models: Boxster, Cayman, 911, 911 Turbo and Cayenne. It is also recommended for GM Dexos 2. It meets the ACEA C3 requirements.

### Benefits

- Superb protection for exhaust catalyst and diesel particulate filter.
- Outstanding oil film strength under all engine operating conditions.
- Outstanding engine protection after cold starting.
- Excellent wear prevention ensuring long engine life.

### Specifications, recommendations and approvals

<b>ACEA</b>	C3	<b>MB</b>	229.31
<b>API</b>	SN	<b>MB</b>	<b>229.51</b>
<b>BMW</b>	Longlife-04	<b>Porsche</b>	<b>A40</b>
<b>Chrysler</b>	MS-11106	<b>VAG</b>	VW 502.00
<b>Ford</b>	M2C 917-A	<b>VAG</b>	<b>VW 505.00</b>
<b>GM</b>	Dexos2	<b>VAG</b>	<b>VW 505.01</b>

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	78,4
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	13,4
Viscosity Index	D 2270	-	173
Viscosity at high temp. & high shear rate	CEC-L-36-A-90	mPa.s	>3,5
Apparent Viscosity, -30 °C	D 5293	mPa.s	6400
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	203

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