

## Q8 Formula Excel 5W-40

Synthetic ACEA A3/B4 2021 passenger car engine oil

### Description

Q8 Formula Excel 5W-40 is a synthetic allround high SAPS engine oil for passenger cars and light duty commercial vehicles. This product guarantees advanced engine protection and facilitates easy starting at low temperatures. It is designed to counter sludge formation and minimizes oil consumption. It meets the requirements of ACEA A3/B4 2021.

### Applications

Q8 Formula Excel 5W-40 is developed for passenger cars and vans with normally aspirated or turbocharged gasoline, LPG or diesel engines and direct injection diesel engines. It is especially recommended for high performance, multi-valve engines with a catalyst. It meets the requirements of ACEA A3/B4 2021.

### 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	Renault	RN 0700 *
API	SN	Renault	RN 0710 *
Ford	M2C917-A	VAG	<b>VW 502.00</b>
GM	LL-B-025	VAG	<b>VW 505.00</b>
MB	<b>229.3</b>	VAG	VW 505.01
MB-Approval 229.3		Volvo	VCC 95200356

Color code blue = officially approved

\* Pending approval

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0.853
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	14.3
Kinematic Viscosity, 40 °C (extrapolated)	D 445	mm <sup>2</sup> /s	89.2
Viscosity Index	D 2270	-	168
Apparent Viscosity, -30 °C	D 5293	mPa.s	6200
Flash Point, COC	D 92	°C	240
Viscosity at high temp. & high shear rate (HTHS)	CEC-L-36-A-90	mPa.s	>=3.5

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