

# Q8 Formula Excel

5W-40

## Description

Superior Performance Synthetic Engine Oil

## Application

High performance synthetic engine oil for passenger cars and vans with normally aspirated or turbocharged gasoline, LPG or diesel engines and direct injection diesel engines.

Specially recommended for high performance, multi-valve engines with catalyst.

## Specifications

- ACEA A3/B3
- ACEA A3/B4
- API SM/CF
- MB 229.3
- GM LL-025B
- VW 502.00, 505.00
- Renault RN 0700, RN 0710
- PSA B71 2296
- Porsche Oil Category A40
- Recommended for VW 505.01

## Benefits

- Synthetic year round engine lubricant
- Contains friction reducing components
- Excellent engine protection after cold starting
- Reduces fuel consumption
- Excellent cold weather starting
- Offers high oil film strength and thus limiting engine wear
- Excellent engine performance at different driving conditions
- Good protection against rust and corrosion
- Prevents formation of black sludge
- Low volatility by use of synthetic base oils provides minimized oil consumption
- Reduced environmental impact
- Catalyst friendly lubricant

To be able to offer our clients products with constantly better characteristics, Kuwait Petroleum reserves the right, without further notice, to modify the specifications of its products at all times.

KUWAIT PETROLEUM INTERNATIONAL LUBRICANTS - NORTHWEST EUROPE

Technical Service  
00800 786 45 787  
[www.Q8oils.com](http://www.Q8oils.com)

## Specifications

Specification	Method	Units	
SAE Viscosity Grade	-	-	SAE 5W-40
Absolute Density, 15 °C	D 4052	kg/m <sup>3</sup>	850
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	13.9
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	81.9
Viscosity Index	D 2270		176
Borderline Pumping Temperature	D 3829	°C	-35
Pour Point	D 97	°C	-39
Flash Point	D 93	°C	221
Viscosity at high temp. & high shear rate	CEC-L-36-A-90	mPa.s	>=3.5

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