PRODUCT DATA SHEET

# Q8 Formula F1 Racing 5W-50

*Synthetic passenger car engine oil for racing conditions*

## Description

*Q8 Formula F1 Racing 5W-50 is a high-performing synthetic year round engine oil, designed for superior engine protection under intense driving conditions, particularly racing. The product is formulated to sustain high oil pressure and deliver excellent oil film strength to protect the engine from wear.*

## Applications

*Q8 Formula F1 Racing 5W-50 is formulated for vehicles with normally aspirated or turbo charged gasoline or diesel engines. It is especially recommended for highest performance, multi-valve engines with a catalyst and high-performance sports cars. Recommended for Porsche naturally aspirated engines.*

## Benefits

- *Superior engine performance at extreme driving conditions*
- *Superior oil film strength under all engine operating conditions.*
- *Exceptional engine protection caused by stable viscosity during total service of the oil.*
- *Superior viscosity index providing strong lubricant film at all operating conditions.*
- *Low volatility by use of synthetic base oils provides minimized oil consumption*

## Specifications, recommendations and approvals

| | | | |
|---|---|---|---|
| **ACEA** | A3/B4 | **API** | SP |

## Properties

| | Method | Unit | Typical |
|---|---|---|---|
| *Density, 15 ˚C* | *D 4052* | *g/ml* | *0,847* |
| *Viscosity Grade* | *-* | *-* | *5W-50* |
| *Kinematic Viscosity, 40 ˚C* | *D 445* | *mm²/s* | *113* |
| *Kinematic Viscosity, 100 ˚C* | *D 445* | *mm²/s* | *17,8* |
| *Viscosity Index* | *D 2270* | *-* | *176* |
| *Viscosity at high temp. & high shear rate (HTHS)* | *CEC-L-36-A-90* | *mPa.s* | *>=4.7* |
| *Pour Point* | *D 97* | *˚C* | *-51* |
| *Flash Point, P-M* | *D 93* | *˚C* | *205* |
| *Borderline Pumping Temperature* | *D 3829* | *˚C* | *-45* |

*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 F1 Racing 5W-50 is **1.71** kg $CO_2$eq / kg.*
*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.*
*For more info check here*

we take care