



Ultimate R-1040

Product code s2904, Dec 10, 2017

Synforce Ultimate R-1040 is a SAE 10w40 race bred extremely shear stable PAO full synthetic engine oil designed for use in competition and high performance engines under extreme conditions.

Ultimate R-1040 is suitable for use in Petrol, LPG and Light load diesel engines but is NOT suitable for Diesel engines fitted with a DPF requiring low SAPS engine oils.

Ultimate R-1040 is blended to resist high temperature deposits, is HTHS rated at 150 degC and has additional Zinc offering extreme protection under race conditions and due to it's very high molecular weight is able to cope with engine oil temperatures well in excess of 120 degC

Ultimate R-1040 offers the following advantages over conventional mineral and other synthetic oil based lubricants;

- * Very high Viscosity Index (162) – minimal viscosity change at both high and low operating temperatures
- * Superior resistance to oxidation and high temperature deposits
- * Superior film strength – ability to retain lubricating properties under high load
- * Full compatibility with all types of seals and coatings
- * Extended lubricant life and performance under race conditions even with slight fuel dilution
- * Superior engine protection and component life under race conditions
- * Improved Engine performance

Ultimate R-1040 meets or exceeds the following;

API SN/CF ... BMW Longlife 98 ... VW 502.00 and 505.00 ... Porsche GL ... MB 229.1/229.3

Typical properties;

<i>SAE Viscosity</i>	<i>10w40</i>
<i>Visc. @ 40 degC, cSt</i>	<i>99.5</i>
<i>Visc. @ 100 degC, cSt</i>	<i>15.3</i>
<i>Visc. @ 120 degC, cSt</i>	<i>10.2</i>
<i>Viscosity, CCS -35C (10W)</i>	<i>4036</i>
<i>Viscosity index</i>	<i>162</i>
<i>MRV-TPI, cP @ -40°C</i>	<i>28,900</i>
<i>Sul. Ash %</i>	<i>0.948</i>
<i>Zinc PPM</i>	<i>2410</i>
<i>NOACK Volatility</i>	<i>4.6</i>

