

# UNITED ECO-GNOSIS

## Product Description

**Fully Synthetic Passenger Car Motor Oil formulated with the latest advances in mid SAPS additive technology, featuring naturally low volatility synthetic base oil and polyalphaolefins (PAO). It is specifically designed to meet the requirements of the ACEA C5 and ACEA C6 category that is a new addition to the ACEA mid SAPS family with a SAE 0W-20 viscosity grade and HTHS viscosity ranging from 2.6 to < 2.9 mPa·s.**

This oil prevents oil oxidation, keeps engines clean and minimizes wear in today's engines. It is suitable for use in modern multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged, low emission petrol engines, including petrol/electric Hybrids such as in Volkswagen, Toyota, Honda and Lexus as indicated in car manuals. This product is also suitable for those that are fitted with aftertreatment devices such as diesel/gasoline particulate filters (DPFs / GPFs).

## Applications / Benefits

- \* Exceeds API SQ application
- \* Maximum wear protection and reduced piston deposits
- \* Excellent resistance to viscosity thermal breakdown
- \* Superior cold engine start-up performance
- \* For all type of hybrids / gasoline and diesel passenger cars

## Typical Characteristics

| Test Description            | Method      | Unit    |             |
|-----------------------------|-------------|---------|-------------|
| SAE Viscosity Grade         | SAE J 300   | -       | <b>0W20</b> |
| Density @ 15 °C             | ASTM D 4052 | kg/L    | 0.845       |
| Flash Point                 | ASTM D 92   | °C      | 216         |
| Pour Point                  | ASTM D 97   | °C      | -42         |
| Kinematic Viscosity @ 40°C  | ASTM D 445  | cSt     | 44.6        |
| Kinematic Viscosity @ 100°C | ASTM D 445  | cSt     | 8.3         |
| Viscosity Index             | ASTM D 2270 | -       | 165         |
| TBN                         | ASTM D 2896 | mgKOH/g | 8.7         |
| CCS                         | ASTM D 5293 | cP      | ≤6200       |
| HTHS                        | ASTM D 5481 | cP      | ≥2.60       |

## Specifications, Approvals & Recommendations

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|                 |               |
|-----------------|---------------|
| * API           | SQ            |
| * ACEA          | C5            |
| * ACEA          | C6            |
| * DEXOS         | D             |
| * FORD          | WSS-M2C952-A1 |
| * MERCEDES BENZ | 229.71        |
| * OPEL          | OV0401547-A20 |
| * STJLR         | 03.5006       |

## Suggested For The Following Uses

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|         |              |
|---------|--------------|
| * ILSAC | GF-6         |
| * STJLR | 51.5122      |
| * VOLVO | VCC RBS0-2AE |

Reference No.  
5170G34SQC5REV5

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