



YOKOHAMA / **IMPROVE**

TECHNICAL DATA SHEET | TDS

**SAE 0W-40 C3**

SP | ACEA C3 | API SP / SN | FULLY SYNTHETIC MID-SAPS ENGINE OIL

**PRODUCT DESCRIPTION**

YOKOHAMA IMPROVE SAE 0W-40 C3 SP is a fully synthetic, mid-SAPS lubricant for modern gasoline and light-duty diesel engines requiring SAE 0W-40 and ACEA C3. Its low-temperature flow supports rapid oil circulation at start-up, while its viscosity characteristics help maintain a protective oil film under high-temperature conditions.

A balanced additive system helps control wear, oxidation and deposits while supporting compatible after-treatment equipment, including DPF/GPF units and catalytic converters, when permitted by the engine manufacturer.

**APPLICATIONS**

For passenger cars, SUVs and light commercial vehicles with gasoline or light-duty diesel engines using SAE 0W-40 and ACEA C3 lubricants. Suitable applications include compatible DPF/GPF and catalytic exhaust aftertreatment systems.

**PERFORMANCE SPECIFICATIONS**

| ACEA           | C3                 | API           | SP / SN          |
|----------------|--------------------|---------------|------------------|
| Mercedes-Benz  | MB 229.31 / 229.51 | Mercedes-Benz | MB 229.52        |
| General Motors | dexos2             | Fiat          | 9.55535-S2       |
| Porsche        | C40                | McLaren       | M40 1FS          |
| Renault        | RN0700 / RN0710    | Volkswagen    | VW 511 00        |
| Bentley        | 052 930-B2         | Chrysler      | MS 10725 / 12633 |

**TYPICAL TECHNICAL CHARACTERISTICS**

| PROPERTY                             | TEST METHOD | TYPICAL VALUE |
|--------------------------------------|-------------|---------------|
| SAE Viscosity Grade                  | SAE J300    | 0W-40         |
| Kinematic Viscosity at 40°C (mm²/s)  | ASTM D445   | 73.00         |
| Kinematic Viscosity at 100°C (mm²/s) | ASTM D445   | 13.60         |
| Viscosity Index                      | ASTM D2270  | 193           |
| Density at 15°C (g/cm³)              | ASTM D4052  | 0.844         |
| Flash Point, COC (°C)                | ASTM D92    | 230           |
| Pour Point (°C)                      | ASTM D97    | -49.5         |

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.