

## YOKOHAMA / IMPROVE

TECHNICAL DATA SHEET | TDS

## SAE 10W-60

HIGH PERFORMANCE

## PRODUCT DESCRIPTION

YOKOHAMA IMPROVE SAE 10W-60 is a high-performance engine oil developed for engines operating at elevated oil temperatures and under heavy mechanical loads. Its SAE 10W-60 viscosity profile is intended to support oil-film strength at operating temperature during sporting driving and competition. A quality base-oil formulation and balanced additive system are designed to provide protection for turbocharged gasoline engines and suitable diesel engines in demanding service, including hot-climate and high-load applications.

## APPLICATIONS

For gasoline passenger cars and suitable light commercial vehicles requiring SAE 10W-60 and ACEA A3/B4, and for compatible diesel vehicles without a particulate filter where these requirements apply.

Volkswagen and Audi applications are limited to engines that accept SAE 10W-60 with the VW 501 01 or VW 505 00 profile.

## PERFORMANCE SPECIFICATIONS

| API<br>SN / CF     | ACEA<br>A3/B4 |
|--------------------|---------------|
| VW 501 01 / 505 00 |               |
| VOLKSWAGEN         | AUDI          |
| SFU                | SFU           |

## TYPICAL TECHNICAL CHARACTERISTICS

| PROPERTY                                          | TEST METHOD | TYPICAL VALUE |
|---------------------------------------------------|-------------|---------------|
| SAE viscosity grade                               | SAE J300    | 10W-60        |
| Kinematic viscosity at 40°C (mm <sup>2</sup> /s)  | ASTM D445   | 153.00        |
| Kinematic viscosity at 100°C (mm <sup>2</sup> /s) | ASTM D445   | 24.43         |
| Viscosity index                                   | ASTM D2270  | 174           |
| Density at 15°C (kg/m <sup>3</sup> )              | ASTM D4052  | 858.5         |
| Flash point, COC (°C)                             | ASTM D92    | 242           |
| Pour point (°C)                                   | ASTM D97    | -35           |

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.