



YOKOHAMA / **IMPROVE**

TECHNICAL DATA SHEET | TDS

SAE 0W-30 SP

API SP / RC | ACEA A5/B5 / C2 | FULLY SYNTHETIC ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE 0W-30 SP is a fully synthetic engine oil developed for modern gasoline and selected light-duty diesel engines requiring SAE 0W-30 viscosity. Its low-viscosity characteristics help support efficient engine operation, rapid oil circulation during cold starts and a stable lubricating film throughout normal operating conditions.

The balanced base oil and additive system is designed to assist wear protection, oxidation resistance and control of sludge and deposits. Developed with the ACEA A5/B5 and C2 performance profiles in mind, the formulation targets fuel efficiency and, where specified, compatibility with applicable exhaust aftertreatment systems. Suitability depends on the engine manufacturer's oil requirements.

APPLICATIONS

Intended for passenger cars, light commercial vehicles and compatible hybrid applications using SAE 0W-30 and the relevant API or ACEA performance category. Applications include suitable gasoline and light-duty diesel engines, including selected BMW Longlife-12 FE applications.

PERFORMANCE SPECIFICATIONS

ACEA	A5/B5-21	ACEA	C2
API	SP / Resource Conserving	ILSAC	GF-6A
BMW	Longlife-12 FE	BMW MINI	SFU

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	0W-30
Kinematic Viscosity at 40°C (mm²/s)	ASTM D445	51.27
Kinematic Viscosity at 100°C (mm²/s)	ASTM D445	9.97
Viscosity Index	ASTM D2270	186.3
Density at 15°C (g/cm³)	ASTM D4052	0.840
Flash Point (COC), °C	ASTM D92	235.5
Pour Point, °C	ASTM D97	-48

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.