



YOKOHAMA / **IMPROVE**

TECHNICAL DATA SHEET | TDS

SAE 5W-30

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

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE SAE 5W-30 API SN/CF is a fully synthetic, mid-SAPS engine oil developed for suitable gasoline and light-duty diesel engines requiring SAE 5W-30 and ACEA C3 performance. It is designed to support stable oil-film protection, wear control and dependable lubrication across a broad range of operating temperatures.

Its balanced detergent-dispersant and oxidation-control technology helps limit sludge and deposit formation. The controlled ash, phosphorus and sulphur profile is intended to support compatible diesel particulate filters (DPF), gasoline particulate filters (GPF) and catalytic exhaust aftertreatment systems.

APPLICATIONS

For gasoline and light-duty diesel engines using SAE 5W-30 with relevant ACEA C3 and API SN/CF performance requirements. Potential applications include selected Hyundai/Kia CRDi, Suzuki DDiS, Mitsubishi DI-D and Toyota D-4D engine families.

PERFORMANCE SPECIFICATIONS

ACEA	C3	API - gasoline	SN / SN Plus
API - diesel	CF	Hyundai / Kia	CRDi (SFU)
Suzuki	DDiS (SFU)	Mitsubishi	DI-D (SFU)
Toyota	D-4D (SFU)		

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity at 40°C (mm²/s)	ASTM D445	68.00
Kinematic Viscosity at 100°C (mm²/s)	ASTM D445	11.90
Viscosity Index	ASTM D2270	172.7
Density at 15°C (g/cm³)	ASTM D4052	0.844
Flash Point, COC (°C)	ASTM D92	229.5
Pour Point (°C)	ASTM D97	-42

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.