



YOKOHAMA / **IMPROVE**

TECHNICAL DATA SHEET | TDS

SAE 5W-30

ACEA C2 / C3 | API SN | FULLY SYNTHETIC MID-SAPS ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE SAE 5W-30 C2/C3 is a fully synthetic, mid-SAPS engine oil developed for suitable gasoline, light-duty diesel and hybrid powertrains. It is designed to provide reliable lubrication, wear protection and stable oil-film performance over a wide range of operating conditions.

Its balanced additive technology supports oxidation control and helps reduce sludge and deposits to maintain engine cleanliness. The controlled ash, phosphorus and sulphur profile is intended to support compatible diesel and gasoline particulate filters (DPF/GPF) and catalytic exhaust aftertreatment systems.

APPLICATIONS

Designed for selected gasoline, light-duty diesel and hybrid engines using SAE 5W-30 and ACEA C2 or C3 lubricants. Applications include appropriate particulate-filter-equipped engines and vehicles with catalytic exhaust aftertreatment systems.

PERFORMANCE SPECIFICATIONS

ACEA	C2 / C3	API	SN
BMW	Longlife-04	Fiat	9.55535-S1 / S3
Ford	WSS-M2C917-A	General Motors	dexos2
Iveco	18-1811 Classe SC1	Hyundai / Kia	Suitable for use
Mercedes-Benz		Opel	
226.52 / 229.31 / 229.51 / 229.52		OV 040 1547-D30 / GM-LL-A/B-025	
Renault	RN17	Volkswagen	VW 505 00 / 505 01

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity at 40°C (mm²/s)	ASTM D445	67.67
Kinematic Viscosity at 100°C (mm²/s)	ASTM D445	12.00
Viscosity Index	ASTM D2270	176.7
Density at 15°C (g/cm³)	ASTM D4052	0.845
Flash Point, COC (°C)	ASTM D92	238.5
Pour Point (°C)	ASTM D97	-45

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.