



YOKOHAMA / **IMPROVE**

TECHNICAL DATA SHEET | TDS

SAE 5W-30

API SP / RESOURCE CONSERVING | FULLY SYNTHETIC ENGINE OIL ILSAC GF-6A

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE SAE 5W-30 SP/RC is a fully synthetic engine oil developed for modern gasoline and compatible hybrid powertrains requiring a fuel-economy-focused lubricant. Its low-friction characteristics are intended to support efficient engine operation while maintaining a protective lubricating film over a wide range of operating temperatures.

Selected base oil and additive technology is designed to help control wear, oxidation, sludge and piston deposits. The API SP Resource Conserving and ILSAC GF-6A performance framework includes requirements addressing low-speed pre-ignition (LSPI) and timing-chain wear in turbocharged gasoline direct-injection engines.

APPLICATIONS

For naturally aspirated and turbocharged gasoline engines, including compatible HEV/PHEV applications, requiring SAE 5W-30 with API SP Resource Conserving or ILSAC GF-6A performance.

PERFORMANCE SPECIFICATIONS

API	SP / Resource Conserving	ILSAC	GF-6A
General Motors	dexos1 Gen 3	Chrysler	MS-6395
Fiat	9.55535-CR1	Ford	WSS-M2C961-A1
Ford	WSS-M2C946-A / B1	Honda / Toyota	SFU
Mitsubishi	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	58.63
Kinematic Viscosity at 100°C (mm²/s)	ASTM D445	10.20
Viscosity Index	ASTM D2270	163.7
Density at 15°C (g/cm³)	ASTM D4052	0.845
Flash Point, COC (°C)	ASTM D92	235.5
Pour Point (°C)	ASTM D97	-40

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.