

YOKOHAMA / IMPROVE

SAE 0W-30

LL | ACEA C3 | VW 504 00 / 507 00 | FULLY SYNTHETIC ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE 0W-30 LL is a fully synthetic, low-SAPS engine oil developed for modern gasoline and light-duty diesel engines requiring SAE 0W-30 viscosity and ACEA C3 performance. Its formulation is designed to promote rapid oil circulation during cold starts, maintain a stable lubricating film at operating temperatures, and support wear control.

A controlled-ash additive system is designed for DPF/GPF and catalytic aftertreatment applications. Oxidation stability and detergent-dispersant properties help control deposits and maintain engine cleanliness.

APPLICATIONS

For gasoline, turbocharged gasoline and light-duty diesel engines specifying SAE 0W-30 and ACEA C3 lubricants, including suitable DPF/GPF-equipped applications. Designed for performance requirements associated with Volkswagen Group LongLife (VW 504 00 / 507 00), BMW Longlife-04, Porsche C30 and the listed Mercedes-Benz and Fiat specifications.

PERFORMANCE SPECIFICATIONS

ACEA	C3	API	SN
Volkswagen / Audi	VW 504 00 / 507 00	Porsche	C30
BMW	Longlife-04	Mercedes-Benz	MB 229.31
Mercedes-Benz	MB 229.51 / 229.52	Fiat	9.55535-DS1 / GS1

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	0W-30
Kinematic Viscosity at 40°C	ASTM D445 / DIN 51562	61.50 mm ² /s
Kinematic Viscosity at 100°C	ASTM D445 / DIN 51562	12.13 mm ² /s
Viscosity Index	ASTM D2270 / ISO 2909	204.5
Density at 15°C	ASTM D4052 / DIN 51757	0.841 g/cm ³
Flash Point (COC)	ASTM D92	228°C
Pour Point	ASTM D97	-51°C

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.