



YOKOHAMA / IMPROVE SAE 0W-8

TECHNICAL DATA SHEET | TDS

JASO GLV-1 | FULLY SYNTHETIC ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE 0W-8 GLV-1 is a fully synthetic, ultra-low-viscosity engine oil developed for new-generation gasoline and hybrid powertrains designed for the SAE 0W-8 grade. Its low-friction lubrication characteristics are intended to support improved fuel efficiency and rapid oil circulation at start-up. The formulation approach combines wear and oxidation control with management of deposits under frequent stop-start operation.

APPLICATIONS

Developed for selected modern gasoline engines and hybrid electric vehicle powertrains designed around SAE 0W-8 and JASO GLV-1 performance. This ultra-low viscosity grade is distinct from SAE 0W-16 and SAE 0W-20 products and is not a direct substitute for those lubricant categories.

PERFORMANCE SPECIFICATIONS

JASO GLV-1	STANDARD JASO M 364:2024
SAE 0W-8	VISCOSITY STANDARD SAE J300

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	0W-8
Kinematic Viscosity at 40°C	ASTM D445	23.25 mm ² /s
Kinematic Viscosity at 100°C	ASTM D445	5.05 mm ² /s
Viscosity Index	ASTM D2270	149.5
Density at 15°C	ASTM D4052	0.845 g/cm ³
Flash Point (COC)	ASTM D92	228°C
Pour Point	ASTM D97	-45°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.