



YOKOHAMA / TRANSMISSION 75W-90 GL-4

FULL SYNTHETIC MANUAL TRANSMISSION GEAR OIL

PRODUCT DESCRIPTION

YOKOHAMA TRANSMISSION 75W-90 GL-4 is a fully synthetic manual transmission gear oil developed for reliable lubrication across changing loads and operating temperatures. Its low-temperature flow supports oil circulation during cold starts, while the lubricating film helps protect gear surfaces under high-speed and high-torque conditions. Wear, friction and corrosion control support dependable gear and synchronizer operation. Thermal and oxidation stability help maintain lubricant performance, and foam control supports consistent lubrication.

APPLICATIONS

For passenger cars, light commercial vehicles and suitable heavy-duty vehicles requiring SAE 75W-90 and API GL-4 in manual transmissions. It may be used in synchronized or non-synchronized gearboxes and auxiliary drive units when the equipment manufacturer specifies this viscosity and performance level.

PERFORMANCE SPECIFICATIONS

**API
GL-4**

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
SAE viscosity grade	-	-	75W-90
Kinematic viscosity at 40°C	ASTM D445	mm²/s	87.50
Kinematic viscosity at 100°C	ASTM D445	mm²/s	15.05
Viscosity index	ISO 2909	-	227.00
Density at 15°C	ASTM D4052	kg/m³	860
Flash point, Cleveland open cup	ASTM D92	°C	180
Pour point	-	°C	-52.0
Brookfield viscosity at -40°C	-	mPa·s	43000

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.