



YOKOHAMA / **TRANSMISSION 140 GL-1**

TECHNICAL DATA SHEET | TDS

SINGLE-GRADE TRANSMISSION GEAR OIL

PRODUCT DESCRIPTION

YOKOHAMA TRANSMISSION 140 GL-1 is a single-grade gear lubricant for conventional manual transmissions and gear sets operating under low to moderate loads. Its lubricating film helps protect gear teeth and bearing surfaces under the specified service conditions. Formulated for applications that do not require extreme-pressure performance, it supports rust and corrosion control and resistance to oxidation and foaming.

APPLICATIONS

For manual transmissions, mechanical gearboxes, axles and final drives where SAE 140 and API GL-1 or API GL-3 are specified. Suitable for compatible straight, helical and bevel gear sets and low-load differential or auxiliary gear systems in passenger vehicles, commercial vehicles, and agricultural or off-highway equipment. Not intended for hypoid gears that require extreme-pressure protection.

PERFORMANCE SPECIFICATIONS

API	GL-1	API	GL-3
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TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE viscosity grade	SAE J306	140
Kinematic viscosity at 40°C (mm²/s)	ASTM D445	490.00
Kinematic viscosity at 100°C (mm²/s)	ASTM D445	31.60
Viscosity index	ASTM D2270	95
Density at 15°C (kg/m³)	ASTM D4052	900
Flash point, COC (°C)	ASTM D92	294
Pour point (°C)	—	-7.3

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.