



YOKOHAMA / TRANSMISSION 85W-140 GL-5

HEAVY-DUTY TRANSMISSION AND DIFFERENTIAL GEAR OIL

PRODUCT DESCRIPTION

YOKOHAMA TRANSMISSION 85W-140 GL-5 is a multigrade gear lubricant for heavy-duty drivetrain components exposed to high loads and elevated operating temperatures. Its extreme-pressure and anti-wear properties help protect hypoid gear surfaces under high contact pressure and shock loading. The SAE 140 operating-temperature grade supports a load-bearing lubricating film, while thermal and oxidation stability help limit oil thickening and deposit formation. Rust, corrosion and foam control support dependable lubrication of gears and bearings.

APPLICATIONS

For trucks, tractors, buses and suitable off-highway equipment requiring SAE 85W-140 and API GL-5 in differentials, axles, hypoid gears and final drives. Construction, mining and agricultural equipment may use it in gear systems with the same viscosity and performance requirements. Manual transmissions and auxiliary gear units should be considered only when the equipment specification calls for GL-5 and SAE 85W-140.

PERFORMANCE SPECIFICATIONS

**API
GL-5**

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
SAE viscosity grade	-	-	85W-140
Kinematic viscosity at 40°C	ASTM D445	mm²/s	346.50
Kinematic viscosity at 100°C	ASTM D445	mm²/s	25.95
Viscosity index	ASTM D2270	-	98.50
Density at 15°C	ASTM D4052	kg/m³	905
Flash point, Cleveland open cup	ASTM D92	°C	235
Pour point	-	°C	-16.5
Brookfield viscosity at -12°C	-	mPa·s	72900

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.