



YOKOHAMA / PROTEC

15W-50

TECHNICAL DATA SHEET | TDS

PETROL & DIESEL ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA PROTEC 15W-50 is a semi-synthetic multigrade engine oil for gasoline and suitable diesel engines. Its formulation is designed to help protect against wear and control the formation of sludge and deposits during service. The SAE 15W-50 grade provides a high-viscosity oil film at operating temperature for engines that specify this grade and the stated performance requirements.

APPLICATIONS

Suitable for passenger cars and light commercial vehicles with gasoline or diesel engines requiring SAE 15W-50 and the applicable API and ACEA performance levels shown below. It may be used in naturally aspirated or turbocharged engines when permitted by the vehicle manufacturer.

PERFORMANCE SPECIFICATIONS

API	SL / CF	ACEA	A3/B4
ACEA	A3/B3-16	Mercedes-Benz	229.1

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE viscosity grade	—	15W-50
Kinematic viscosity at 40°C (mm²/s)	ASTM D445	135.0
Kinematic viscosity at 100°C (mm²/s)	ASTM D445	18.55
Viscosity index	ASTM D2270	155
Density at 15°C (kg/m³)	ASTM D4052	867
Flash point, COC (°C)	ASTM D92	232
Pour point (°C)	ASTM D97	-22.5

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.