

YOKOHAMA / PROTEC

10W-40 SM

TECHNICAL DATA SHEET | TDS

MULTIGRADE PETROL & DIESEL ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA PROTEC 10W-40 SM is a semi-synthetic multigrade engine oil for gasoline, LPG and suitable diesel engines. Its API SM/CF and ACEA A3/B4 performance profile is designed to support a stable lubricating film at elevated operating temperatures and help maintain engine cleanliness. Detergent and dispersant additives help control deposits, while protective components support resistance to wear and oxidation.

APPLICATIONS

For four-stroke passenger cars, pickups, vans and light commercial vehicles requiring SAE 10W-40 and the performance levels listed below. Suitable for naturally aspirated or turbocharged gasoline and LPG engines, and for diesel applications without a particulate filter where this oil profile is specified.

PERFORMANCE SPECIFICATIONS

API	SM / CF	Renault	RN0700 / RN0710
ACEA	A3/B4	Volkswagen	502.00 / 505.00
Mercedes-Benz	226.5 / 229.3		

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE viscosity grade	—	10W-40
Kinematic viscosity at 40°C (mm²/s)	ASTM D445	94.99
Kinematic viscosity at 100°C (mm²/s)	ASTM D445	14.21
Viscosity index	ASTM D2270	154
Density at 15°C (kg/m³)	ASTM D4052	863
Flash point, COC (°C)	ASTM D92	226
Pour point (°C)	ASTM D97	-33.0

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.