

YOKOHAMA / PROTEC
10W-40

TECHNICAL DATA SHEET | TDS

PETROL & DIESEL ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA PROTEC 10W-40 is a semi-synthetic multigrade engine oil for gasoline and LPG passenger car engines in everyday service. Its blend of synthetic and mineral base oils is designed to support lubrication from start-up through normal operating temperatures. Detergent and dispersant additives help control deposits and maintain engine cleanliness, while the oil film supports wear protection in both stop-and-go traffic and longer journeys.

APPLICATIONS

For four-stroke gasoline and LPG passenger car and light commercial vehicle engines specifying SAE 10W-40, API SM/SL and the listed ACEA performance level. It may also be considered for suitable diesel engines without particulate filters where API CF is specified.

PERFORMANCE SPECIFICATIONS

API (gasoline)	SM / SL	AVTOVAZ / LADA	SFU
API (diesel)	CF	Toyota	SFU
ACEA	A3/B3-10	Lexus	SFU
Mercedes-Benz	MB 229.1	Honda	SFU
Volkswagen	VW 501.01 / 505.00		

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	-31.5

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.