

Product Description

Roadmaster Titanium is a Ultra High performance synthetic passenger car engine oil blended to today's most advanced light diesel and petrol engine lubricant specifications.

Product Features & Benefits

Roadmaster Titanium is catalyst compatible and can be used in today's modern vehicles fitted with catalytic converters, Diesel Particulate Filters (DPF) and Three Way Catalyst (TWC) Roadmaster Titanium provides improved soot dispersancy and soot related wear protection, improved oxidative stability and deposit performance as well as excellent piston deposit control.

Roadmaster Titanium meets the major performance criteria of API SN/CF, ACEA C3 , ACEA A3/B4 & BMW Longlife—2004, Mercedes Benz 229.31 & 229.51, Porsche, and Volkswagen VW 50200, 50500, 50501.

Roadmaster Titanium is recommended for high performance petrol, light diesel and rotary engines,

Background

Lubrication problems for passenger car engines fall primarily into the following areas:

- Low-temperature or light-duty operation. This is when a car makes a lot of short trips that never allow the engine to reach its optimum operating temperature. Partially burned fuel by products can result in sludge deposits and excessive rust.
- High-temperature oxidation. Engine operating temperatures today are extremely high while the amount of oil in the sump is small, as little as 2 Litres. This severe heat stress on the oil can accelerate oil oxidation, resulting in oil thickening, loss of lubricating properties, varnish and piston deposits.
- Passenger car engines deliver high horsepower in relation to the size and weight of engine components. This places great stress on engine parts such as the valve train, which strains to provide the high cam lift and spring loads required for efficiency and high engine speeds.
- The use of air-pollution control devices such as positive crankcase ventilation and exhaust gas recirculation can increase the heat stress on an oil and increase the amount of contaminants in the oil.

All these lubrication problems can be significantly reduced or eliminated by using high-quality oils that are changed at recommended intervals. Roadmaster Titanium is the premium oil to use to address the above conditions.

Typical Characteristics

Characteristic	5W/30	5W/40	Characteristic	5W/30	5W/40
SG@20° C	0.850	0.859	TBN, mgKOH/g	7.1	7.0
Viscosity @ 40°C, cSt	70.8	74.5	Sulphated Ash, %Wt	0.77	0.77
Viscosity @ 100°C, cSt	12.2	12.9	Phosphorus, ppm	771	771
Viscosity Index	171	176	Sulphur ppm	2,172	2,172

Performance Levels

API SN / CF	Dexos 2	VW 50200 (2005)
ACEA A1 / B1—12 (5W/30)	MB—Approved 229.31	VW 50500 (2005)
ACEA A5 / B5—16 (2016) - (5W/30)	MB—Approved 229.51	VW 50501 (2005)
ACEA A3/B3/B4—04	MB—Approved 229.52	BMW Longlife — 04
ACEA C3—16 (2016)	PSA Peugeot Citroén B712290 - (5W/30)	Porsche A40 (5W/40)
	PSA Peugeot Citroén B712297	