



# RM Titanium Plus

## SAE 5W30 & 5W40

Previously known as RM Titanium SAE 5W30 & 5W40

### Description

RoadMaster Titanium Plus SAE 5W30 & 5W40 is an Ultra High performance synthetic passenger car engine oil blended to today's most advanced light diesel and petrol engine lubricant specifications.

### Features & Benefits

RM Titanium Plus 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). RM Titanium provides improved soot dispersancy and soot related wear protection, improved oxidative stability, deposit performance as well as excellent piston deposit control as well as improved protection against LSPI (Low-Speed Pre-Ignition).

### Specifications

Properties	Method	5W30	5W40
Specific Gravity @ 20°C	ASTM D1298	0.850	0.859
Kinematic Viscosity @ 40°C	ASTM D445	64.7	81.6
Kinematic Viscosity @ 100°C	ASTM D445	11.1	13.7
Viscosity Index	ASTM D2270	164.7	173.1
Sulphated Ash %Wt	ASTM D874	0.784	0.784
Total Base No. mg KOH/gm	ASTM D2896-11	8.0	8.0
Phosphorus (ppm)	ASTM D3231	771	771
Sulphur (ppm)	ASTM D2622	2,172	2,172

### Performance Levels

<b>Approved:</b>	API SP/CF	ACEA A5/B5, A3/B4, C2/C3 (2021)
BMW Longlife 04	Mercedes-Benz 229.31	Mercedes-Benz 229.52
GM Dexos II	Opel 0401547 G30/ D30	

<b>SFU:</b>	Mercedes-Benz 226.5	Mercedes-Benz 229.1
Mercedes-Benz 229.3	VW 502	VW 505
VW 505.01		

### Additional Information

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.



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- High-temperature oxidation. Engine operating temperature 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 Plus is the premium oil to use to address the above conditions.**



Master Item# 1125 & 1190

Pack Size Availability: 5L, 20L, 200L & IBC = 1000L

Last Updated: 30<sup>th</sup> November 2023

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