

# DYNAMIC SUPER COMMONRAIL

SAE 5W-30 / 5W-40

## Product Description

DYNAMIC SUPER COMMONRAIL is a ultra-premium fully synthetic mid-SAPS formula diesel engine oil for latest clean diesel technology compatible with all after treatment devices. It is formulated with advanced DDL BOOSTER TECHNOLOGY to deliver superior levels of engine cleanliness and protection. Designed for latest diesel passenger car with common rail system such as PPVs, MPVs, SUVs and pick-up trucks equipped with diesel particulate filter (DPF). It reduces DPF clogging for keeping engine performance and fuel economy benefits.

## Benefits

- With premium mid-SAPS formulation, it reduces ash build-up in DPF, improving fuel economy benefits and prolonging life of after treatment devices.
- Advanced DDL BOOSTER TECHNOLOGY effectively cleans varnish and deposit on engine parts in high temperature, improving engine response and performance.
- Offers highly strong oil film to minimize wear under all driving conditions.
- Provides lower oil consumption at high temperature.
- Delivers outstanding thermal and oxidation stability, extended oil life.

## Applications

- Designed for latest common rail system of diesel passenger car, MPVs, SUVs, and PPVs equipped with DPF.
- Recommended for modern diesel passenger cars where the manufacturer recommends ACEA C3
- Suitable for all common rail diesel engine equipped with turbocharger and exhaust gas recirculation (EGR).
- Can be used in both diesel and gasoline vehicles.

*The Moving Innovation* 

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## Typical Characteristics

Tests	Methods	Units	Results	
			5W-30	5W-40
Density at 15 °C	ASTM D 4052	g/cm <sup>3</sup>	0.853	0.853
Kinematic Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	71.7	91.8
Kinematic Viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	12.3	15.0
Viscosity Index	ASTM D 2270		170	172
MRV at -35 °C	ASTM D 4684	mPa.s	42,000	42,500
Cold-cranking Simulator at -30 °C	ASTM D 5293	mPa.s	6,220	6,300
Flash Point (COC)	ASTM D 92	°C	240	240
Pour Point	ASTM D 5950	°C	-39	-39
Sulphated Ash	ASTM D 874	% wt	0.8	0.8

## Performance Standards

	5W-30	5W-40
• ACEA C3-16	✓	✓
• MB 229.31, 229.51	✓	✓
• MB 229.52	✓	✓
• BMW LL-04	✓	✓
• Renault RN0700, 0710	✓	✓
• Porsche A40		✓

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

**PTT LUBE SOLUTIONS** Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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