

# DYNAMIC COMMONRAIL

SAE 10W-30 / 15W-40

## Product Description

DYNAMIC COMMONRAIL is synthetic technology diesel engine oil integrated with CLEAN AND LOCK TECHNOLOGY to effectively clean the engine deposits and maintain the engine cleanliness. Designed for diesel engine with common rail system of both commercial and non-commercial pick-up trucks. It maintains superior engine performance, protects engine parts from heavy-load conditions, resists to heat and provides long oil drain interval.

## Benefits

- With CLEAN AND LOCK TECHNOLOGY, it recovers engine cleanliness and inhibits deposit build-up, maintaining engine power and acceleration response.
- Provides strong oil film that guarantees engine protection even heavy-load conditions.
- Delivers superior thermal and oxidation stability to prevent premature oil thickening leading to oil screen clogging.
- Prolongs engine life and enables longer oil drain interval.

## Applications

- Designed for high performance of modern diesel engine with common rail system.
- Recommended for all common rail diesel engine of both commercial and non-commercial pick-up trucks equipped with Exhaust Gas Recirculation (EGR) and turbocharger.
- Can be used for heavy-duty diesel engines recommended viscosity grade SAE 10W-30 or 15W-40 required API CI-4 or below.

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## Typical Characteristics

Tests	Methods	Units	Results	
			10W-30	15W-40
Density at 15 °C	ASTM D 4052	g/cm <sup>3</sup>	0.865	0.870
Kinematic Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	81.2	113.4
Kinematic Viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	12.1	15.0
Viscosity Index	ASTM D 2270		144	138
Cold-cranking Simulator at -25°C	ASTM D 5293	mPa.s	6,430	-
Cold-cranking Simulator at -20°C	ASTM D 5293	mPa.s	-	6,370
Flash Point (COC)	ASTM D 92	°C	238	242
Pour Point	ASTM D 5950	°C	-39	-36

## Performance Standards

	10W-30	15W-40
• API CI-4/SL	✓	✓
• ACEA A3/B3/B4, E7	✓	✓
• JASO DL-0, DH-1	✓	✓
• MB 229.1, 228.3	✓	✓
• VOLVO VDS-3	✓	✓
• CUMMINS CES 20076/77/78	✓	✓

## 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.pttplc.com>



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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