

DYNAMIC COMMONRAIL SYNTHETIC

SAE 5W-30 / 5W-40

Product Description

DYNAMIC COMMONRAIL SYNTHETIC is a high performance fully synthetic diesel engine oil especially formulated for modern common rail diesel pickup trucks without diesel particulate filter (DPF). It delivers excellent engine and turbocharger cleanliness for enhancing engine response and fuel economy, prevents sludge formation and also extends oil drain intervals.

Benefits

- Provides excellent engine cleanliness and prevents deposit build-up on pistons and turbochargers for improving engine performance and response.
- Offers strong oil film ensuring engine wear and turbocharger protection under all operating conditions.
- Optimizes friction and viscometric properties for offering faster start-up protection and improving fuel economy benefit.
- Delivers excellent thermal and oxidation stability against oil degradation.
- Enhances soot handling control for reducing sludge and extends oil drain interval.

Applications

- Designed for high performance of modern diesel common rail system of pickup trucks, MPVs and SUVs, without DPF.
- Recommended for diesel passenger car where the manufacturers recommend ACEA A5/B5 (SAE 5W-30) and ACEA A3/B4 (SAE 5W-40).
- Suitable for diesel pickup trucks and commercial vehicles equipped with exhaust gas recirculation (EGR) and turbocharger without DPF.

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Typical Characteristics

Tests	Methods	Units	Results	
			5W-30	5W-40
Density at 15 °C	ASTM D 4052	g/cm ³	0.852	0.855
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	58.5	86.9
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	10.4	14.3
Viscosity Index	ASTM D 2270		170	170
MRV at -35 °C	ASTM D 4684	mPa.s	39,400	41,200
Cold-cranking Simulator at -30 °C	ASTM D 5293	mPa.s	4,500	5,900
Flash Point (COC)	ASTM D 92	°C	234	236
Pour Point	ASTM D 5950	°C	-40	-40
Sulphated Ash	ASTM D 874	% wt	1.2	1.2

Performance Standards

	5W-30	5W-40
• ACEA A1/B1-16, A5/B5-16	✓	✓
• ACEA A3/B4-16		✓
• Ford WSS-M2C913-C and WSS-M2C913-D	✓	
• MB 229.3		✓
• BMW LL-01		✓
• VW 502 00/505 00		✓
• Renault RN0700, 0710		✓
• Porsche A40		✓
• Opel GM-LL-B-025		✓
• API SN/CF		✓
• API SL/CF	✓	

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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>



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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