

DYNAMIC

SAE 15W-40 / 20W-50

Product Description

DYNAMIC is high quality heavy-duty diesel engine oil developed to keep engine clean and reduce deposits for diesel engines. It helps to provide high wear protection and maintain engine performance.

Benefits

- Provides good lubrication and engine wear protection.
- Very good detergency and dispersancy for preventing deposit accumulation and ring sticking problem.
- Contains very active additives for preventing sludge formation on vital engine parts.

Applications

- Designed for all models of heavy-duty diesel engines both on-highway and off-highway applications such as trucks, buses, trailers and heavy equipment.
- Recommended for all models of diesel pick up trucks and commercial vehicles equipped with EGR (Exhaust Gas Recirculation) or turbocharger.
- Suitable for generator diesel engines, agricultural machines and multi-purpose equipment.

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Typical Characteristics

Tests	Methods	Units	Results	
			15W-40	20W-50
Density at 15 °C	ASTM D 4052	g/cm ³	0.882	0.892
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	108.3	169.6
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	14.8	18.7
Viscosity Index	ASTM D 2270		141	124
Cold-cranking Simulator	ASTM D 5293	mPa.s	6,130 @ -20 °C	8,540 @ -15 °C
Total Base Number	ASTM D 2896	mg KOH/g	10.4	10.4
Flash Point (COC)	ASTM D 92	°C	235	250
Pour Point	ASTM D 5950	°C	-30	-27
Sulfated Ash	ASTM D 874	% wt	1.4	1.4

Performance Standards

15W-40 20W-50

- API CF-4/CF/SG
- ACEA E2
- MB 228.1
- MACK E0-K/2
- MAN 271
- ALLISON C-4



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>



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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