

DYNAMIC SYNTEC

SAE 15W-40

Product Description

A synthetic technology diesel engine oil. Recommended for on and off highway diesel engine equipped with diesel particulate filter (DPF) or selective catalytic reduction (SCR) in Euro V specification and above. With the cutting-edge EVOTEC technology and Ultra Shield olecules which delivers maximum engine cleanliness and sludge formation prevention. Maximizes engine performance and protection

Benefits

- Delivers excellent engine cleanliness and minimizes sludge and deposits.
- Advanced detergent provide low-SAPS with superb TBN retention for all compatible aftertreatment device.
- Provides strong oil film, high shear stability for superior protection against wear and less oil consumption.
- Enhances soot-handling properties for longer life service and protect against soot related wear.
- Helps improve engine life and further extends oil drain intervals.

Applications

- Designed for all modern low-emission heavy-duty diesel engines EURO V and above with all compatible after-treatment device such as DPF, SCR of commercial vehicles both of on and off-high way such as trucks, buses, trailers and heavy equipment.
- Recommended for all models of diesel engine commercial vehicles such as trucks, buses, trailers heavy equipment and pickup trucks.

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Typical Characteristics

Tests	Methods	Units	Results 15W-40
Density at 15 °C	ASTM D 4052	g/cm ³	0.8754
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	112.6
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	14.8
Viscosity Index	ASTM D 2270		135
Cold-cranking Simulator	ASTM D 5293	mPa.s	6513 @ -20 °C
Total Base Number	ASTM D 2896	mg KOH/g	9.0
Flash Point (COC)	ASTM D 92	°C	240
Pour Point	ASTM D 5950	°C	-33
Sulfated Ash	ASTM D 874	% wt	1.0

Performance Standards

- API CK-4, CJ-4/SN
- ACEA E9, E7
- JASO DH-2
- MB 228.31
- VOLVO VDS-4.5, VDS-4
- MACK EO-S 4.5, EO-O PREMIUM PLUS
- CUMMINS 20086/81
- MAN M3775, M3575
- MTU TYPE 2.1
- RENAULT RLD-3
- CATERPILLAR ECF-3
- DETROIT DIESEL 93K218, 93K222
- Ford WSS-M2C171-F1



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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