

DYNAMIC SEMI-SYNTHETIC

Premium Performance Semi-Synthetic Diesel Engine Oil

Product Descriptions

- **DYNAMIC SEMI-SYNTHETIC** : A premium performance, semi-synthetic, multigrade SAE 15W-40 heavy duty diesel engine oil exceeding the requirements of API CI-4 PLUS, formulated from advanced technology blend of synthetic base oil, high quality base oil and selected exclusive and unique additive technology “DDL Booster” to provide outstanding soot & sludge control, lubricity and effective wear protection.

Features/Benefits

- Delivers excellent protection against soot related wear and viscosity control for all service conditions
- Provides strong oil film, high shear stability and superior thermal and oxidation stability
- Enhances engine cleanliness by minimizing sludge and deposits
- Offers excellent engine wear & corrosion protection and less oil consumption
- Helps improve engine life and extends oil drain intervals

Applications

- Recommended for use in modern diesel engines of medium to heavy duty service such as trucks, EURO III and EURO IV engines, without Diesel Particulate Filter (DPF)
- High performance buses, trailers, vans, pickup trucks, particularly European and American advanced technology diesel engines such as Volvo, MAN, Scania, Caterpillar and Cummins
- Naturally aspirated, turbocharged, hi-speed and heavy duty vehicles in all service conditions

Performance Standards

- API CI-4 PLUS, CI-4, CH-4, CG-4, CF-4 / SL
- ACEA E7-08
- MTU TYPE 2, MAN M 3275-1
- MACK EO-N Premium Plus-03
- Caterpillar ECF-2, ECF-1a
- Global DHD-1, JASO DH-1
- MB 228.3, VOLVO VDS-3
- CUMMINS CES 20078 / 77 / 76 / 72 / 71
- Renault RLD-2, ALLISON C-4
- Detroit 93K214, Deutz DQC-III-05

Key Properties

	SAE 15W-40		SAE 15W-40
- Viscosity @ 100 °C, cSt	14.6	- Density @ 15 °C, g/cm ³	0.877
- Viscosity @ 40 °C, cSt	105	- Flash Point (COC), °C	236
- Viscosity Index	143	- Pour Point, °C	-36
- Cold-cranking Simulator, @ -20 °C, cP	6,478	- Sulfated Ash, %wt	1.37
- Total Base Number, mgKOH/g	11.0		

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