



# DYNAMIC COMMONRAIL

## Premium Performance Semi-Synthetic Diesel Engine Oil

**Product Description**

- **DYNAMIC COMMONRAIL** : Synthetic technology diesel engine oil with DDL Booster technology for all working condition of common rail system. It provides excellent engine cleanliness and prevent sludge formation. It also delivers superior engine wear protection, enhance engine response and longer drain interval for new common rail engines and prior technology.

**Features/Benefits**

- Enhances engine performances
- Accesses strong film, offers superior thermal and oxidation stability that guarantees engine performance for all operating conditions
- Provides more engine cleanliness, especially piston and ring and retards harmful soot and deposit formation on vital engine parts
- Provides excellent engine's wear protection, especially while starting the engine
- Saves fuel economy, prolongs engine's life and extends oil drain interval

**Applications**

- Designed for high performance common rail diesel engines of Pick-up Trucks and SUVs (PPVs) with both of 2WD and 4WD system such as Toyota, Isuzu, Nissan, Mitsubishi etc.
- Suitable for all models of diesel pick-up trucks and also for commercial vehicles where require SAE 10W-30 or 15W-40 and API CI-4 or lower.

**Reference Standards**

- |                                   |                |               |
|-----------------------------------|----------------|---------------|
| - API CI-4, CH-4, CG-4, CF-4 / SL | - ACEA E7-12   | - JASO DH-1   |
| - MACK EO-M PLUS                  | - MB 228.3     | - MAN M3275-1 |
| - CUMMINS CES 20078/ 20077/ 20076 | - MTU Type 2   | - VOLVO VDS-3 |
| - RENAULT VI RLD-2                | - GLOBAL DHD-1 | - CAT ECF-1a  |

**Key Properties**

	<u>10W-30</u>	<u>15W-40</u>		<u>10W-30</u>	<u>15W-40</u>
- Viscosity @ 100 °C, cSt	11.0	15.0	- Pour Point, °C	-42	-39
- Viscosity @ 40 °C, cSt	70.7	111.1	- Sulfated Ash, %wt	1.4	1.4
- Viscosity Index	145	141	- MRV, cP	19,000 @ -30 °C	20,100 @ -25 °C
- Density @ 15 °C, g/cm <sup>3</sup>	0.865	0.870	- Cold-cranking Simulator, cP	4,920 @ 25 °C	5,550 @ -20 °C
- Flash Point (COC), °C	238	250			

For more information, please contact Lubricants Technical Services Division, PTT Public Company Limited : Tel. (662) 239-7911, (662) 239-7985  
 Fax. (662) 239-7858 Lube Hot Line (662) 239-7878