



# DYNAMIC NGV-MA

## Premium Performance Medium Ash CNG Engine Oil

### Descriptions

- **DYNAMIC NGV-MA** : premium performance multi-grade SAE 15W-40 and 20W-50 CNG engine oils designed for using in Japanese mobile heavy-duty engines fueled with Compressed Natural Gas (CNG) such as HINO and ISUZU, made from high quality base stocks and advanced additive technology to improve the anti-wear and anti-corrosion performance, provide excellent control of oil oxidation and oil nitration, appropriate sulfated ash level to adequately control deposit formation, and high TBN (Total Base Number) to neutralize acids of extending oil drain intervals.

### Special Properties

- Provides excellent thermal and oxidation stability, nitration resistance to retard oil degradation in mobile heavy-duty dedicated engines fueled with CNG
- Selected type and optimized level of detergent to provide outstanding corrosion protection
- Provides relatively high TBN
- Field test proved in Japanese mobile dedicated CNG fueled engines

### Applications

- Recommended for use in Japanese mobile dedicated CNG heavy-duty engines such as HINO, ISUZU etc.
- Recommended for use in dedicated CNG heavy-duty engines modified from Japanese diesel engines

Note : DYNAMIC NGV-LA is recommended when the low sulfated ash oil is required by dedicated CNG fueled engines.

### Reference Standards

- API CF

### Typical Properties

	SAE 15W-40	SAE 20W-50
- Viscosity @ 100 °C, cSt	14.8	18.7
- Viscosity Index	142	122
- Cold-cranking Simulator, cP	6,405 @ -20 °C	8,080 @ -15 °C
- Total Base Number, mgKOH/g	9.3	9.3
- Sulfated Ash, %	1.2	1.2
- Pour Point , °C	-15	-15

For more information, please contact Fuels & Lubricants Research Department, PTT Research & Technology Institute : Tel. (662) 537-3000 Ext. 8182, 8278  
Fax. (662) 537- 3000 Ext. 8199, 8283 or Technical Service Division, Oil Business : Tel. (662) 537-2327-8, (662) 537-2408, (662) 537-2413.