



## Optimax Plus CH4

### Super High Performance Diesel Engine Oil (SHPD)

Optimax Plus SAE 15W-40, is a top quality Super High Performance Diesel Engine Oil (SHPD) specially formulated to provide the ultimate all round performance in all automotive high speed four stroke diesel engines used throughout the road transport, construction industries and several stationary units. Optimax Plus 15W 40 is Marketed with API Donut symbol, the internationally accepted symbol for quality assurance under the API, USA licensing agreement.

#### Applications

- **Automotive diesel engines**

Meets the differing top requirements of all automotive high-speed four-stroke diesel engines.

#### Performance Features

- **Super High Performance Diesel Engine Oil**

Outstanding performance.

- **Advanced additive technology**

Advanced SHPD additive technology produces a shear-stable engine oil that could withstand the highest mechanical loads whilst providing outstanding wear protection under all operating conditions.

- **Oil for ALL automotive diesel engines**

Provides maximum performance and protection in all high-speed diesel engines.

- **Multigrade nature:**

Ideal for modern fleets with mixed diesel engines.

- **High alkalinity reserve**

Excellent total base number (TBN) retention and more alkalinity to control acid formations giving long term resistance to corrosive engine wear.

- **Extended oil drain capability**

Provides outstanding performance for applications requiring extended oil drain intervals.

- **Low emission technology**

Meets the latest, most stringent, industry and OEM low emission targets

#### Performance Specifications

API: CH4, CG-4, CF-4, CE and CD  
ACEA E2,96 issue 2, B3-98, A3-98  
Mercedes Benz - 228.3, 229.1  
Volvo - VDS 2

MAN - 271  
MACK - EO-M Plus, EO-M

MTU - Type 1  
Cummins - CES 20071, 20072,  
DDC Series - 2000/4000

#### Typical Physical Characteristics

Optimax Plus	15W-40
SAE Viscosity Grade	15W-40
Viscosity @ 40°C, cSt 100°C, cSt	109.8 14.6
Viscosity Index (min)	135 typical
Density @ 15°C, kg/l	0.879
Flash Point °C (IP 36) (Cleveland Open Cup)	222
Pour Point, °C	-18
TBN	10.5
Sulphated ash content % wt	1.2

These characteristics are typical of current production. Whilst future production will conform to Eterna Specifications, variations in these characteristics may occur.

#### Health, Safety & Environment

Optimax Plus 15W-40 Oil is unlikely to present any significant HSE hazard when properly used in the recommended application whilst good industrial, personal hygiene and environmental standards are maintained.

Avoid contact with skin. Use impervious gloves with used oil. In the event of skin contact, wash immediately with soap and water.

Dispose used oil safely. Do not discharge into drains, soil or water.

#### Advice

Advice on applications not covered in this leaflet may be obtained from the Lubricants Department, Eterna Plc, 5a Oba Adeyinka Oyekan Avenue (formerly Second Avenue), Ikoyi, Lagos.

Tel: 01-8981836, 8981842, 2691651.