



# TOP 1 OIL PRODUCTS COMPANY

## PRODUCT DATA SHEET

May 2022

### TOP 1 HD 15W-40 API CI-4

#### DESCRIPTIONS

**TOP 1 HD 15W-40 API CI-4** Synthetic Blend Diesel Engine Oil is a superior quality oil that is formulated to provide greater protection than a standard 15W-40. TOP 1 HD is formulated for engines operating under severe service and a wide range of climate condition. It is suitable for virtually all modern low emission heavy duty engines.

Exceeds API Service Classification CI-4/CH-4, ACEA E7-08 Issue 2/ET-12

**TOP 1 HD 15W-40 API CI-4** Synthetic Blend Diesel Engine Oil adalah pelumas berkualitas unggul yang diformulasikan untuk memberikan perlindungan yang lebih baik daripada standar 15W-40. TOP 1 HD di formulasikan untuk mesin yang beroperasi dengan kondisi ekstrem dan dapat digunakan pada semua iklim. Cocok untuk semua kendaraan modern dengan emisi gas buang rendah.

Melebihi Standarisasi API CI-4/CH-4, ACEA E7-08 Issue 2/ET-12

#### FEATURES AND ADVANTAGES

- Extra High Purity
- Extra Wear Control
- Extra Soot Dispersion
- Extra Low Volatility
- Extra Protection Against Corrosion
- Kemurnian ekstra tinggi
- Keausan ekstra rendah
- Menjaga mesin ekstra bersih
- Penguapan ekstra rendah
- Perlindungan ekstra terhadap korosi

#### APPLICATION

**TOP 1 HD 15W-40 API CI-4** is recommended for:

**TOP 1 HD 15W-40 API CI-4** direkomendasikan untuk: CAT ECF-1-a / ECF-3, Cummins CES 20076/CES 20077/CES 20078, Daihatsu, Detroit Diesel DDG 93K215, Deutz DQC III-10, Global DHD-1, Hino, Isuzu, Mack EO-N/EO-M Plus, MAN M 3275, Mercedes-Benz 228.3 / 228.31, Mitsubishi, MTU Type 2, Nissan, Renault Truck RLD-2, Toyota, Volvo VDS-3.

#### TYPICAL SPECIFICATIONS

PARAMETER	UNIT	15W-40
Appearance		Bright & Clear
Density @15 C	kg/m3	856.9
Kin Visc at 100 C	cSt	14.92
Visc Index		142
Visc at low temp (CCS)	cP	4977
Visc at hi temp (HTHS)	cP	5.27
Flash point (COC)	C	216
TBN	mgKOH/g	11.57
Copper Strip		1a
Pour point	C	-33

\*These characteristics are typical. Variations may occur in future production

