

## EMIRATES 1 DX 10 ULTRA

### (Heavy Duty Synthetic Engine Oils)

#### Description

**Emirates 1 DX 10 ULTRA** is a high performance, Synthetic Heavy Duty, mixed fleet engine oil recommended for naturally aspirated and turbocharged diesel and gasoline engines in which SAE 15W-40, 10w-30 viscosity grade and API CK-4 or SN service categories are specified.

#### Applications

**Emirates 1 DX 10 ULTRA** Synthetic Heavy Duty Engine Oil is designed specifically to meet the stringent requirements of API Service Category CK-4 for heavy duty diesel engines running on Ultra Low Sulfur Diesel (ULSD) and equipped with advanced after treatment devices. Exceeds all soot control and particulate requirements of current emission control systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), or Selective Catalytic Reduction (SCR).

#### Performance Features and Benefits

- Excellent all-season performance characteristics.
- Fully compliant with all current emission control equipment. Promotes extended DPF life helping to minimize maintenance costs
- Advanced additive technology keeps internal engine components clean, reduces oil consumption for long service life.
- Outstanding TBN and high viscosity retention supports extended lubricant life.

## Recommendations/Specifications

**Quality Level:** CK-4, CJ-4, CI-4 PLUS, CI-4, SN, SM, SL (and previous); ACEA - E9, E7, E4 & E2; JASO - DH-2

**Meets or exceeds:** Caterpillar® - ECF-3, ECF-2, and ECF-1a; Cummins® - CES 20086, 20081, 20078, 20077, 20076; Daimler - MB 228.31, 228.3; Detroit Diesel® - 93K222, 93K218, 93K215, 93K214; Deutz - DQC III-IOLA; FORD - WSS-M2C171-F1, WSS-M2C171-E; Global - DHD-1; JASO - DH-2; Mack® - EOS-4.5, EO-O Premium Plus, EO-N Premium Plus, and EO-M; MAN - 3275, 3575; MTU - Type 2.1, Type I, Type II; Renault® - VI RLD-4, RLD-3; Volvo® - VDS-4.5, VDS-4, VDS-3, VDS-2; CID A-A-52306 / MIL-PRF-2104G and Allison® - C-4.

Meets quality requirements of most gasoline engine manufacturers in the USA, UK, Canada, Europe, and Japan.

## Typical Technical properties

Viscosity Grade, SAE J300	10W-30	15W-40
Density at 15°C, g/ml, ASTM D4052	0.860	0.870
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	76.25	107.85
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	11.8	15.6
Viscosity Index, ASTM D2270	150	154
Flash Point(COC), °C, ASTM D92	220	224
Pour Point, °C, ASTM D97	-42	-36
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-25°C	50000@-20°C
Total Base Number, mg KOH/g, ASTM D2896 (Max)	10	10
Sulfated Ash, wt %,ASTM D874	0.99	0.99

\*C & B: Clear & Bright

**Note:** The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

**Health and Safety:** Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS). Safety Data Sheets available on request.

**Available in:** **Cartons:** 12x0.7L, 12x 1 L, 24x1 L, 4x5L 6 x 4 L, 6 x 5 L, **Pails:** 20 L & 25 L, **Drums:** 200 L, 208 L