BELL TOP TIR GOLD ULTRA SAE 10W-40

Ultra High Performance Low SAPS Synthetic Engine Oil for Heavy-Duty Diesels

PRODUCT DESCRIPTION

BELL TOP TIR GOLD ULTRA SAE 10W-40 is a premium synthetic Ultra High Performance Diesel (UHPD) engine oil designed for the lubrication of new-generation, highly loaded diesel engines operating under severe conditions in trucks and buses. It is specifically formulated to meet modern Euro IV, Euro V, and Euro VI emission standards where Low SAPS lubricants are mandatory.

KEY FEATURES & PERFORMANCE BENEFITS

- **Low SAPS Technology:** Formulated with reduced sulfated ash, phosphorus, and sulfur content to ensure long life and efficiency of Exhaust Aftertreatment Systems (EATS) including Diesel Particulate Filters (DPF).
- **EGR & SCR System Compatibility:** Recommended for modern commercial vehicle diesel engines equipped with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) systems.
- **Extreme Load & Thermal Protection:** Provides outstanding thermal stability and oxidation resistance under high loads and severe operating environments.
- **Extended Drain Intervals:** High TBN retention and wear control support long-drain capability in full compliance with OEM manufacturer specifications.

PERFORMANCE SPECIFICATIONS & OEM APPROVALS

API Specifications	API CK-4, CJ-4, CI-4+, CH-4, CF, SN, SM, SL
ACEA & JASO	ACEA E6, E7, E9; JASO DH-1, DH-2, DHD-1
OEM Performance Levels	MB 228.51, MB 228.31; CAT ECF-3, ECF-2, ECF-1a; MTU 3.1, 2.1; MAN 3677, M3575, M3477, M3271-1; Cummins CES 20086, CES 20081; DAF Extended Drain; Volvo VDS-4.5, VDS-4.0, VDS-3, CNG; Ford WSS-M2C171-F1; Scania LA-2, LA, LDF; Deutz DQC IV-10 LA, DQC III-10 LA; Detroit Diesel DFS 93K222, DFS 93K218; Renault RLD-4, RLD-3; IVECO TLS E9; MACK EOS 4.5, EO-OPP

PHYSICO-CHEMICAL CHARACTERISTICS

PROPERTY	TEST METHOD	UNIT	SAE GRADE 10W-40 (ALLOWED RANGE / TYPICAL)
Kinematic Viscosity @ 100°C	ASTM D445	mm²/s (cSt)	12.50 – 16.30 (Typ. 15.20)
Viscosity Index (VI)	ASTM D2270	-	140 – 155 (Typ. 145)
Flash Point (COC)	ASTM D92	°C	Min. 220 (Typ. 240)

PROPERTY	TEST METHOD	UNIT	SAE GRADE 10W-40 (ALLOWED RANGE / TYPICAL)
Pour Point	ASTM D97	°C	Max. -20 (Typ. -24)

PACKAGING

Available in 5-liter plastic containers and standard 200-liter metal drums.

STORAGE & HANDLING

Store in original, tightly closed packaging in dry, well-ventilated areas protected from moisture, atmospheric conditions, and fire hazards at temperatures between 5°C and 30°C.

** Note: The values shown in the physical-chemical properties table represent typical production data and allowable parameter ranges. They do not constitute a binding product specification. Safe handling guidelines should be followed according to the Material Safety Data Sheet (MSDS).*