BELL GT PREMIUM ACEA C5/C6 SAE 0W-20

Fully Synthetic Mid SAPS Engine Oil for Modern Passenger Vehicles

PRODUCT DESCRIPTION

BELL GT PREMIUM ACEA C5/C6 SAE 0W-20 is a high-performance, fully synthetic Mid SAPS engine oil specifically formulated for modern high-efficiency gasoline, diesel, and hybrid engines requiring low viscosity lubricants. It provides superior engine cleanliness, enhanced wear protection, and maximum fuel economy under demanding operating conditions.

KEY FEATURES & PERFORMANCE BENEFITS

- **LSPI Protection:** Features a balanced detergent platform tailored to prevent Low-Speed Pre-Ignition (LSPI) in turbocharged direct-injection gasoline engines.
- **Top-Tier Dispersant Technology:** Maintains exceptional engine cleanliness by controlling sludge and deposit formation at both high and low operating temperatures.
- **Robust Antioxidant System:** High resistance to oil thermal breakdown, aging, oxidation, and turbocharger deposit build-up caused by fuel dilution.
- **Fuel Efficiency & Eco Protection:** Ultra-low viscosity grade ensures fast oil circulation during cold starts while reducing friction to optimize fuel economy and minimize CO_2 emissions.
- **Exhaust Aftertreatment Compatibility:** Mid SAPS technology extends the lifespan and maintains the efficiency of Gasoline Particulate Filters (GPF) and Diesel Particulate Filters (DPF).

PERFORMANCE SPECIFICATIONS & APPROVALS

ACEA Specifications	ACEA C5, ACEA C6
API Specifications	API SN Plus (Suitable for API SP / ILSAC GF-6A applications)
OEM Performance Levels	MB 229.71, Opel / Vauxhall OV 040 1547 (OV 040 1547-A20)

PHYSICO-CHEMICAL CHARACTERISTICS

PROPERTY	TEST METHOD	UNIT	SAE GRADE 0W-20 (ALLOWED RANGE / TYPICAL)
Kinematic Viscosity @ 100°C	ASTM D445	mm²/s (cSt)	7.8 – 9.3 (Typ. 8.5)
Kinematic Viscosity @ 40°C	ASTM D445	mm²/s (cSt)	38.0 – 48.0 (Typ. 42.5)
Viscosity Index (VI)	ASTM D2270	-	165 – 185 (Min. 165)

PROPERTY	TEST METHOD	UNIT	SAE GRADE 0W-20 (ALLOWED RANGE / TYPICAL)
Flash Point (COC)	ASTM D92	°C	Min. 200 (Typ. 220)
Pour Point	ASTM D97	°C	Max. -40 (Typ. -45)
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.0 – 9.5 (Typ. 8.0)
Density @ 15°C	ASTM D4052	g/cm³	0.840 – 0.855 (Typ. 0.845)

PACKAGING

Available in 1-liter and 5-liter plastic bottles, as well as standard 200-liter metal drums.

STORAGE & HANDLING

Store in original, tightly closed packaging in dry, well-ventilated areas protected from weather, direct sunlight, moisture, 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).*