

PREMIUM LUBRICANTS & AUTOMOTIVE SOLUTIONS

GC ULTRA PERFORMANCE SAE 0W-20 API SL

Ultra-Low Viscosity Multi-Grade Motor Oil | Fast Flow & Immediate Cold-Start Protection

PRODUCT DESCRIPTION & APPLICATION

GC ULTRA PERFORMANCE SAE 0W-20 API SL is an ultra-low viscosity gasoline engine oil formulated to provide instant lubrication upon ignition and low friction response. Designed for modern fuel-efficient engines operating in urban and highway environments across Saudi Arabia.

PERFORMANCE & SERVICE DRAIN INTERVALS (SAUDI ARABIA SPECIFICATION)

Application Category	Recommended Service Life / Drain Interval
Fuel-Efficient Compact Cars & Urban Fleets	5,000 km – 7,000 km (Optimized for city stop-and-go driving)
Light Duty Commercial Units	200 – 250 Operating Hours (Under standard operating conditions)

***Note:** Actual drain intervals may vary depending on vehicle condition, fuel sulfur levels, severe dust exposure, and OEM engine recommendations.

KEY FEATURES & DESERT ADVANTAGES

- ✓ **Instant Start-Up Flow:** 0W viscosity rating ensures instant oil pressure and anti-wear protection at startup.
- ✓ **Friction Reduction:** Optimized fluidity minimizes internal fluid friction for enhanced fuel efficiency.
- ✓ **Deposit Control:** Detergent additives prevent varnish and carbon buildup on engine valves.
- ✓ **Thermal Viscosity Hold:** Maintains structural integrity under typical operational temperatures.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Property Parameter	Method	Unit	Typical Value
SAE Viscosity Grade	SAE J300	-	0W-20
Kinematic Viscosity @ 100°C	ASTM D445	cSt	8.20
Kinematic Viscosity @ 40°C	ASTM D445	cSt	44.50
Viscosity Index (VI)	ASTM D2270	-	161
Density @ 15°C	ASTM D4052	g/cm ³	0.852
Flash Point (COC)	ASTM D92	°C	218
Pour Point	ASTM D97	°C	-40
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.4
Apparent Viscosity (CCS) @ -35°C	ASTM D5293	mPa.s (cP)	5,900
Sulfated Ash Content	ASTM D874	% wt	0.80
Evaporation Loss (NOACK)	ASTM D5800	% wt	12.0

PERFORMANCE SPECIFICATIONS & STANDARDS

- API Service Category: SL / CF
- SASO / GSO Standards Compliant (Saudi Standards, Metrology and Quality Organization)