

PREMIUM LUBRICANTS & AUTOMOTIVE SOLUTIONS

GC ULTRA PERFORMANCE SAE 5W-40 API SL

High-Viscosity Synthetic Blend Engine Oil | Robust High-Temp & High-Shear Protection

PRODUCT DESCRIPTION & APPLICATION

GC ULTRA PERFORMANCE SAE 5W-40 API SL is a high-performance synthetic blend engine oil designed to offer exceptional thermal endurance and film strength under severe operating conditions across Saudi Arabia. Formulated with robust Group II and synthetic base stocks to guard against high-temperature viscosity breakdown.

PERFORMANCE & SERVICE DRAIN INTERVALS (SAUDI ARABIA SPECIFICATION)

Application Category	Recommended Service Life / Drain Interval
High-Mileage Gasoline Cars & Light Fleets	6,000 km – 8,000 km (Optimized for demanding KSA highway driving)
Commercial Light Vehicles & Utility Units	220 – 260 Operating Hours (Under high thermal stress)

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

KEY FEATURES & DESERT ADVANTAGES

- ✓ **High-Temperature Viscosity Hold:** Maintains strong lubricating film under extreme summer heat and heavy load conditions.
- ✓ **Engine Cleanliness:** Active detergent chemistry prevents deposit and sludge buildup across engine components.
- ✓ **Wear Defense:** Anti-wear additive barrier protects valve train and bearings during prolonged operation.
- ✓ **Low Oil Burn-Off:** Resists thermal evaporation, reducing top-up requirements in high-temperature environments.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Property Parameter	Method	Unit	Typical Value
SAE Viscosity Grade	SAE J300	-	5W-40
Kinematic Viscosity @ 100°C	ASTM D445	cSt	14.20
Kinematic Viscosity @ 40°C	ASTM D445	cSt	88.50
Viscosity Index (VI)	ASTM D2270	-	166
Density @ 15°C	ASTM D4052	g/cm ³	0.859
Flash Point (COC)	ASTM D92	°C	224
Pour Point	ASTM D97	°C	-36
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.8
Apparent Viscosity (CCS) @ -35°C	ASTM D5293	mPa.s (cP)	6,200
Sulfated Ash Content	ASTM D874	% wt	0.84
Evaporation Loss (NOACK)	ASTM D5800	% wt	11.0

PERFORMANCE SPECIFICATIONS & STANDARDS

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