

PREMIUM LUBRICANTS & AUTOMOTIVE SOLUTIONS

GC MULTI-GRADE SAE 10W-30 API SL

Fuel-Efficient Multi-Grade Gasoline Engine Oil | Engineered for Saudi Regional Fleets

PRODUCT DESCRIPTION & APPLICATION

GC MULTI-GRADE SAE 10W-30 API SL is a fuel-efficient multi-grade motor oil formulated with quality Group II base stocks and tailored additive chemistry. Designed to provide reliable wear control, sludge prevention, and fluid efficiency under elevated ambient temperatures across Saudi Arabia.

PERFORMANCE & SERVICE DRAIN INTERVALS (SAUDI ARABIA SPECIFICATION)

Application Category	Recommended Service Life / Drain Interval
Light Commercial Fleets & Passenger Vehicles	5,000 km – 7,000 km (Optimized for urban and highway driving across KSA)
Stationary Gasoline Generators & Field Units	200 – 250 Operating Hours (Depending on ambient dust and heat loading)

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

KEY FEATURES & DESERT ADVANTAGES

- ✓ **Fuel Economy Efficiency:** Lower high-temp viscosity profile reduces fluid drag for optimized fuel consumption.
- ✓ **Active Deposit Management:** Prevents lacquer, varnish, and carbon accumulation on critical engine valves.
- ✓ **Low-Temperature Flow:** Rapid oil pressure buildup ensures immediate lubrication upon cold engine ignition.
- ✓ **Corrosion Resistance:** Neutralizes combustion acids to shield internal engine metallurgy.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Property Parameter	Method	Unit	Typical Value
SAE Viscosity Grade	SAE J300	-	10W-30
Kinematic Viscosity @ 100°C	ASTM D445	cSt	10.80
Kinematic Viscosity @ 40°C	ASTM D445	cSt	68.50
Viscosity Index (VI)	ASTM D2270	-	148
Density @ 15°C	ASTM D4052	g/cm ³	0.865
Flash Point (COC)	ASTM D92	°C	220
Pour Point	ASTM D97	°C	-33
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.2
Apparent Viscosity (CCS) @ -30°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)