SUPER LIFE® 9000Q
BENEFFICIENT FULL SYNTHETIC MOTOR OILS

SUPER LIFE® 9000Q Products are manufactured with Synthetic base stocks and the most advanced additive technology to exceed the performance requirements of the current ILSAC GF-7 and API SQ specifications and provide low-speed pre-ignition (LSPI) and timing chain wear protection while improving piston cleanliness, oxidation stability and fuel economy for the latest turbocharged gasoline direct injection (TGDI) engines.

These engines are designed smaller, smarter, more efficient, more advanced and more powerful to deliver higher levels of performance, improved fuel economy and emissions than ever before, ***SUPER LIFE® 9000Q Products*** were formulated to satisfy those performances and protect these engines against the harmful effects of low-speed pre-ignition (LSPI) preventing engine damage. They provide extraordinary engine protection under all severe driving conditions, including heavy load and stop- and -go conditions, rapid acceleration, sudden stops and high revving all push the engine to work harder, run hotter and high and low-temperature engine operation.

APPLICATIONS:

SUPER LIFE® 9000Q Products exceed the performance requirements of turbocharged or naturally aspirated gasoline direct-injection, conventional gasoline-fueled, flex-fuel engines including gasoline-electric hybrid engines used in passenger cars, light- trucks vans operating in any type of severe service (extreme hot or cold climates, stop- and- go driving conditions, etc.), including vehicles operating on ethanol-containing fuels up to E 85.

SUPER LIFE® 9000Q Products meet the requirements of major North America, Japanese and European OEMS: Ford, General Motors, Mercedes Benz, BMW, Volkswagen, Porsche, Peugeot, Fiat, SAAB, Renault, Toyota, Lexus, Honda, Acura, Nissan, Infinity, Subaru, Mazda, Mitsubishi, Hyundai, Kia, etc.

SAE Viscosity Grade	**0W-16**	**0W-20**	**5W-20**	**5W-30**	**10W-30**
API SQ, SP, SN Plus, SN/SM	x	x	x	x	x
Resource Conserving	x	x	x	x	x
API CF		x	x	x	x
ILSAC GF-7A, GF-6A		x	x	x	x
ILSAC GF-7B, GF-6B	x				
GM dexos1 Gen 2	x	x	x	x	x
GM dexos2				x	
GM dexosD		x			
GM 4718M				x	x
GM 6094M		x	x	x	x
ACEA A3/B3				x	
ACEA A3/B4					
ACEA C1				x	
ACEA C2				x	
ACEA C3				x	
ACEA C5		x			
BMW Longlife 01				x	
BMW Longlife 04				x	
BMW LL-O/M54		x	x	x	x
MB 226.5				x	
MB 226.51				x	
MB 229.3				x	x
MB 229.31				x	x

SAE Viscosity Grade	0W-16	0W-20	5W-20	5W-30	10W-30
MB 229.5					
MB 229.51				x	x
MB 229.52				**x**	
MB 229.71		x			
VW 501.01				x	x
VW 502.00					
VW 504.00				x	
VW 505.00				x	x
VW 505.01				x	x
VW 507.00				x	
VW 508.00		x			
VW 509.00		x			
Volvo VCC RBS0-2AE		x			
Porsche A40					
Porsche C20		x			
Porsche C30				x	
Jaguar Land Rover 03.5007					
Jaguar Land Rover 51.5122		x			
PSA B71 2290					
PSA B71 2312					
Fiat 9.55535-CR-1		x	x	x	x
Fiat 9.55535-DS1					
Fiat 9.55535-GS1					
Fiat 9.55535-DSX		x			
Fiat 9.55535-GSX		x			
Renault RN 0700				x	
Renault RN 0710				x	
Renault RN 0720				x	
Ford WSS-M2C929-A (M2C 205-A)				x	
Ford WSS-M2C930-A (M2C153-H)			x		
Ford WSS-M2C945-A1/B1			x		
Ford WSS-M2C946-A1/B1				x	
Ford WSS-M2C947-A1/B1		x			
Ford WSS-M2C950-A					
Ford WSS-M2C960-A1			x		
Ford WSS-M2C961-A1				x	
Ford WSS-M2C962-A1		x			
Ford WSS-M2C970-A1			x		
Ford WSS-M2C971-A1				x	
Ford WSS-M2C972-A1		x			
Chrysler MS-6395		x	x	x	x
Chrysler MS-9214			x	x	
Chrysler MS-13340				x	
STJLR .51.5122		x			
STJLR .03.5006		x			
Toyota /Lexus	x	x	x	x	
Honda/Acura	x	x	x	x	
Mitsubishi, Mazda	x	x	x	x	
Hyundai/Kia	x	x	x	x	
CID AA-52039		x	x	x	x
MIL-L-2104-B		x	x	x	x
MIL-L-46152		x	x	x	x

BENEFITS:

- Ultimate engine protection. Increase thermal and oxidation stability at extreme high temperatures.
- Help protect against low speed pre-ignition (LSPI) in turbocharged gasoline direct-injection engines (TGDI)
- Improve Fuel Economy and maintain Low Emissions.
- Faster cold start and improve oil flow at extreme low temperature.
- Synthetic base for added oxidation stability, improved volatility.

- Outstanding resistance to viscosity and thermal breakdown at high temperatures.
- Protect against rust and corrosion caused by severe low temperature stop- and -go driving.
- Protect against harmful deposits and acid. Excellent at maintaining engine cleanliness.
- Extend engine life

TYPICAL CHARACTERISTICS

Test	Method	Typical Results				
SAE Viscosity Grade	SAE J300	**0W-16**	**0W-20**	**5W-20**	**5W-30**	**10W-30**
Specific Gravity @ 15.6 ° C (60ºF)	ASTM D1298	0.846	0.845	0.848	0.849	0.853
Viscosity @ 40ºC, cSt @ 100ºC, cSt	ASTM D445	38.15 7.30	45.25 8.40	46.10 8.40	63.00 11.00	69.70 11.20
Viscosity Index	ASTM D2270	160	165	161	169	154
Flash Point, ºC (ºF)	ASTM D92	202 (396)	205 (401)	205 (401)	204 (399)	207 (405)
Pour Point, ºC (ºF)	ASTM D97	-50 (-58)	-47 (-53)	-44 (-47)	-42 (-44))	-38 (-36)
Low temperature (° C) Cranking Viscosity, cP	ASTM D5293	4844@ -35 ° C	5663@ -35 ° C	4500@ -30 ° C	5350@ -30 ° C	3967@ -25 ° C
Total Base Number (TBN) mgKOH/g	ASTM D2896	7.15	7.20	7.30	8.15	8.15
HTHS Viscosity @150°C, cP	ASTM D4683	2.51	2.85	3.31	3.70	3.73
Noack, wt%	ASTM D5800	11.50	11.92	8.45	8.23	6.00

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:
Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and container to collection centers
Reference SDS Number 12022 database on our website at ***www.amtecol.com*** *OR scan the code for a direct link*