



SUPER LIFE® 9000N Plus **BENEFICIENT FULL SYNTHETIC MOTOR OILS**

SUPER LIFE® 9000N Plus Products are manufactured with Synthetic base stocks and the most advanced additive technology to exceed the performance requirements of the current ILSAC GF-5 and API SN Plus specifications and address the enhanced performance demands of the latest turbocharged gasoline direct injection (TGDI) engine designs. 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® 9000N Plus 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® 9000N Plus 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® 9000N Plus 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	0W-30	0W-40	5W-20	5W-30	5W-40	10W-30	10W-40
API SN Plus, SN/SM	x	x	x	x	x	x	x	x	x
API CF		x	x	x	x	x	x	x	x
ILSAC GF-5		x			x	x		x	
GM dexos1 Gen 2		x			x	x			
GM dexos 2						x	x		
GM dexos D		x							
GM 4718M					x	x		x	
GM 6094M		x			x	x		x	
GM W 17332						x			
ACEA A1/B1		x			x	x		x	
ACEA A3/B3			x	x			x		x
ACEA A3/B4				x			x		x
ACEA A5/B5						x		x	
ACEA C2			x			x			
ACEA C3			x			x	x		
ACEA C5		x							
BMW Longlife 01			x	x			x		
BMW Longlife 04			x			x	x		
BMW LL-O/M54		x	x	x	x	x	x	x	x
BMW LL-12FE			x						
BMW LL-14FE+		x							
BMW LL-17FE+		x							

SAE Viscosity Grade	0W-16	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	10W-30	10W-40
MB 226.5							X		
MB 229.1		X	X	X	X	X	X	X	X
MB 229.3			X	X		X	X		
MB 229.5		X	X	X	X	X	X	X	X
MB 229.31			X			X	X		
MB 229.51			X			X	X		
MB 229.52			X						
MB 229.52			X						
MB 229.71		X							
VW 501.01						X	X		
VW 502.00		X	X	X	X	X	X	X	X
VW 503.00		X	X	X		X	X	X	X
VW 503.01			X	X					
VW 504.00			X			X			
VW 505.00		X	X	X	X	X	X	X	X
VW 505.01		X	X	X	X	X	X	X	X
VW 506.00		X	X	X	X	X	X	X	X
VW 506.01			X						
VW 507.00			X			X			
VW 508.00		X							
VW 509.00		X							
Volvo VCC RBS0-2AE		X							
Porsche A40				X			X		
Porsche C20		X							
Porsche C30			X			X			
Jaguar Land Rover 03.5007			X						
Jaguar Land Rover 51.5122		X							
Citroen PSA B71 2296				X					
SAAB				X					
PSA B71 2290							X		
PSA B71 2312			X						
Fiat 9.55535-CR-1		X			X	X		X	
Fiat 9.55535-DS1			X						
Fiat 9.55535-GS1			X						
Fiat 9.55535-DSX		X							
Fiat 9.55535-GSX		X							
Fiat 9.55535-M2				X					
Fiat 9.55535-N2				X					
Fiat 9.55535-Z2				X					
Renault RN 0700				X		X	X		
Renault RN 0710				X		X	X		
Opel GM LL-A-025				X					
Opel GM LL-B-025				X					
Ford WSS-M2C929-A (M2C 205-A)						X		X	
Ford WSS-M2C930-A (M2C153-H)					X				
Ford WSS-M2C945-A/B1					X				
Ford WSS-M2C946-A/B1						X			
Ford WSS-M2C947-A/B1		X							
Ford WSS-M2C950-A			X						
Chrysler MS-6395		X			X	X		X	
Chrysler MS-9214					X	X			
Chrysler MS-13340						X			
Toyota /Lexus	X	X	X		X	X			
Honda/Acura	X	X	X		X	X			
Mitsubishi, Mazda	X	X	X		X	X			
Hyunhdai/Kia	X	X	X		X	X			
Nissan GT-R				X					
CID AA-52039		X	X	X	X	X	X	X	X
MIL-L-2104-B		X	X	X	X	X	X	X	X
MIL-L-46152		X	X	X	X	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 and low temperature properties.
- Protect against rust and corrosion caused by severe low temperature stop- and -go driving.
- Protect against harmful deposits and acid.
- Fuel efficiency
- Extend engine life
- Excellent at maintaining engine cleanliness.

TYPICAL CHARACTERISTICS

Test	Method	Typical Results								
		0W-16	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	10W-30	10W-40
SAE Viscosity Grade	SAE J300									
API Gravity	ASTM D 287	35.76	35.56	35.60	35.96	35.17	34.97	33.61	34.39	33.80
Specific Gravity @ 15.6 °C (60°F)	ASTM D1298	0.846	0.847	0.8468	0.845	0.849	0.850	0.857	0.853	0.856
Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	37.53 7.28	45.03 8.48	57.70 10.5	84.55 14.75	48.99 8.89	62.25 10.90	91.80 14.95	60.90 10.10	104.25 15.70
Viscosity Index	ASTM D2270	163	169	175	184	164	169	172	154	161
Flash Point, °C (°F)	ASTM D92	200 (392)	205 (401)	206 (403)	204 (399)	207 (405)	207 (405)	208 (406)	209 (408)	235 (455)
Pour Point, °C (°F)	ASTM D97	-52 (-62)	-48 (-54)	-49 (-56)	-51 (-60)	-45 (-49)	-42 (-44)	-41 (-42)	-39 (-38)	-42 (-44)
Low temperature (°C) Cranking Viscosity, cP	ASTM D5293	4908@ -35 °C	5758@ -35 °C	5740@ -35 °C	5570@ -35 °C	3765@ -30 °C	4286@ -30 °C	5985@ -30 °C	3581@ -25 °C	4710@ -25 °C
HTHS Viscosity @150°C, cP	ASTM D4683	2.40	2.64	3.55	3.80	2.75	3.55	4.12	3.06	4.10
Noack, wt%	ASTM D5800	11.80	11.40	12.10	11.20	10.20	9.90	10.00	5.50	7.10

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

