



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

SUPER LIFE® 9000N Products are manufactured with Synthetic base stocks and the most advanced additive technology to meet the latest ILSAC GF-5 and API SN industry requirements as well as the performance demands of the new GM dexos™ 1 specification. 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.

They are specifically designed to meet the demands of today's high-performance modern engines.

APPLICATIONS:

SUPER LIFE® 9000N Products meet the performance requirements of virtually all 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.)

SUPER LIFE® 9000N 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, Honda, Nissan, etc.



SAE Viscosity Grade	0W-16	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40	10W-50
API SN/SM	x	x	x	x	x	x	x	x	x	x	x
API CF		x	x	x	x	x	x	x	x	x	x
ILSAC GF-5		x			x	x			x		
GM dexos1		x			x	x					
GM 4718M						x			x		
GM 6094M		x			x	x			x		
ACEA A1/B1		x			x	x			x		
ACEA A3/B3			x	x			x	x		x	x
ACEA A3/B4				x			x			x	
ACEA A5/B5						x			x		
BMW High Performance Diesel Oil								x			
BMW Longlife 04			x			x	x				
BMW Longlife 01			x	x			x				
MB 229.3			x	x		x	x	x			
MB 229.5			x	x		x	x				
MB 229.31			x			x	x				
MB 229.51			x			x	x				
MB 229.52			x								
VW 501.01						x	x	x			
VW 503.01				x							
VW 502.00			x	x		x	x				
VW 505.00			x	x		x	x	x			
Porsche A40				x			x				
Citroen PSA B71 2296				x							
SAAB				x							
Fiat 9.55535-CR-1						x					
Fiat 9.55535-M2				x							
Fiat 9.55535-N2				x							
Fiat 9.55535-Z2				x							

SAE Viscosity Grade		0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40	10W-50
Opel GM LL-A-025				x							
Opel GM LL-B-025				x							
Ford WSS-M2C153-H					x						
Ford WSS-M2C929-A						x					
Ford WSS-M2C930-A					x						
Ford WSS-M2C945-A					x						
Ford WSS-M2C946-A						x					
Ford WSS-M2C947-A		x									
Chrysler MS-6395		x			x	x			x		
Lexus LFA Service Fill								x			
Toyota/Lexus	x	x	x		x	x					
Honda/Acura	x	x	x		x	x					
Mitsubishi, Mazda	x	x	x		x	x					
Hyundai/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.
- 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	5W-50	10W-30	10W-40	10W-50
SAE Viscosity Grade	SAE J300											
API Gravity	ASTM D 287	36.35	35.36	34.97	34.38	34.77	34.58	33.80	33.61	33.98	33.42	31.52
Specific Gravity @ 15.6 °C (60°F)	ASTM D1298	0.843	0.848	0.850	0.853	0.851	0.852	0.856	0.857	0.855	0.858	0.868
Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	37.06	47.96	58.89	79.22	49.86	61.82	85.39	129.26	70.39	99.27	136.0
		7.15	9.03	10.8	13.59	8.82	10.58	13.52	18.78	11.58	14.94	19.30
Viscosity Index	ASTM D2270	160	172	177	176	157	162	161	164	159	157	162
Flash Point, °C (°F)	ASTM D92	200 (392)	220 (428)	228 (442.4)	220 (428)	225 (437)	230 (446)	230 (446)	232 (450)	230 (446)	233 (451)	235 (455)
Pour Point, °C (°F)	ASTM D97	-50 (-58)	-43 (-45.4)	-41 (-42)	-45 (-49)	-36 (-33)	-40 (-40)	-42 (-44)	-30 (-22)	-38 (-36)	-40 (-40)	-36 (-33)

Test	Method	Typical Results										
Low temperature (°C) Cranking Viscosity, cP	ASTM D5293	5455@ -35°C	5827@ -35°C	6021@ -35°C	5872@ -35°C	4733@ -30°C	5284@ -30°C	5454@ -30°C	5777@ -30°C	3775@ -25°C	3529@ -25°C	5339@ -25°C
HTHS Viscosity @150°C, cP	ASTM D4683	2.40	2.65	3.55	3.73	2.76	3.15	3.89	4.45	3.37	4.25	4.70
Noack, wt%	ASTM D5800	11.33	12.27	12.18	12.98	8.39	8.32	9.13	5.82	6.35	7.52	10.5

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