



Technical Data Sheet
Updated: 9/30/2019

LUBRICATION SPECIALTIES NANOSYN 251
Nano Lubricant and Wear Reducer

Product Overview NanoSyn 251 is the newest and most effective nano lubricant your money can buy. Created in a government laboratory, the patented nano technology is now available to the public. NanoSyn 251 is a lubricity-enhancing oil additive that increases the lubricating and wear reduction properties of the host oil. The formula contains a patented carbon nano particle that fills in microscopic irregularities on the machined surface to provide a smoother surface for the lubricating film to form. This extends the base oil performance in oxidation stability, film strength and especially friction reduction. NanoSyn 251 adheres to the metal surfaces to create a better ring seal which reduces blow-by and oil consumption all while increasing your dynamic compression, fuel mileage and power. Its

Applications and Uses NanoSyn 251 works in conventional oil and synthetic oil. NanoSyn 251 can be added to diesel or gasoline engines, power-steering pumps, differentials, and hydraulic systems in semi-trucks, pick-up trucks, construction/farm/lawn equipment, motorcycles, ATVs, and autos and industrial applications.

- Benefits**
- Improves fuel economy up to 7%
 - Reduces oil consumption up to 90%
 - Reduces wear metals over 50% reported by oil analysis
 - Reduces exhaust gas emissions up to 87%
 - Increases oil film strength
 - Reduces operating temperature 10 to 15 degrees
 - Extends oil change interval
 - Improved oxidation stability
 - Reduces noise and vibration
 - Reduces coefficient of friction
 - Improved

NanoSyn 251 effectively increases the longevity of your engine and components while allowing you to run your oil twice as long due to its superior anti-oxidant properties.





Directions for Use Add NanoSyn 251 at every oil change for optimal benefits

Oil/Fluid Capacity	NanoSyn 251
6 quart (car)	8 ounces
15 quarts (truck)	20 ounces
45 quarts (semi)	60 ounces
1 quart	2 ounces

Packaging

Available in:

- 8 ounce bottle
- 16 ounce bottle
- 32 ounce bottle

Typical Properties

Property	Test Method	Result
Viscosity at 40°C, cSt	D-445	80.14
Viscosity at 100°C, cSt	D-445	12.8
Minimum flash point, °C (°F)	D-92	233°C (452°F)
Density pounds per gallon	D-4052	7.30

