



Product Information Sheet

SUNOCO EXO2 Racing Gasoline

Sunoco EXO2 is a very highly oxygenated race fuel. EXO2's high oxygen content - about three times as much as pump gas - can be beneficial in crate engines, two-barrel engines, and racing classes with cylinder head limitations, as well as engines running at higher elevations.

TYPICAL APPLICATIONS

- All sanctioned events allowing leaded racing gasoline. High performance engines, turbo charged vehicles and high revving motorcycles.
- Turbocharged cars and motorcycles.
- Performance Motorcycles

MEETS REQUIREMENTS

None

OUTSTANDING FEATURES

- 115 Research Octane Numbers
- 105 Motor Octane Numbers
- Contains lead
- High Oxygen content
- Extremely fast burning and low FBP (Final Boiling Point)
- Low vapour pressure for protection against vapour lock
- Controlled mid-range volatility for excellent warm-up, acceleration and driveability
- Keeps carburetors and fuel injectors clean
- Resists gum formation
- Burns extremely cleanly to resist deposit build up
- Oxidation and corrosion inhibited for longer shelf life
- Complete conformity and quality allows precise engine tuning.



DESCRIPTION

Due to its high oxygen content, Sunoco EXO2 requires a richer air/fuel mixture. Using EXO2 without proper air/fuel mixture changes can lean out your engine. Please consult the stoichiometric air/fuel ratio data in the Technical Details section below. Since non-oxygenated race fuels typically have a stoichiometric air/fuel ratio of 14.6:1 to 15.1:1, you may need to enrichen your fuel mixture by 10 to 15 percent when using EXO2 depending on the fuel you are currently using.

As with any gasoline, Sunoco EXO2 should be stored in opaque, tightly sealed containers and kept where temperatures are stable. Drum pumps should be removed immediately after use. Properly stored, the shelf life of Sunoco EXO2 is one to two years.

SUNOCO MaxNOS TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.75
Reid Vapour Pressure (RVP)	psi	ASTM D323	7.3
Research Octane	RON	ASTM D2699	115
Motor Octane	MON	ASTM D2700	105
Lead	g/l	ASTM D3237	<1.5
Nitrogen	% m/m	ASTM D3228	Conforms
Peroxides and Nitrooxides	ppm	ASTM D3703	Conforms
Benzene	% volume	ASTM D3606	<1
Sulphur	mg/kg	ISO 8754	<5
Initial Boiling Point	°C	ASTM D86	42
10% evaporation	°C	ASTM D86	59
50% evaporation	°C	ASTM D86	71
90% evaporation	°C	ASTM D86	107
Final Boiling Point (FBP)	°C	ASTM D86	116
Colour			Light Orange