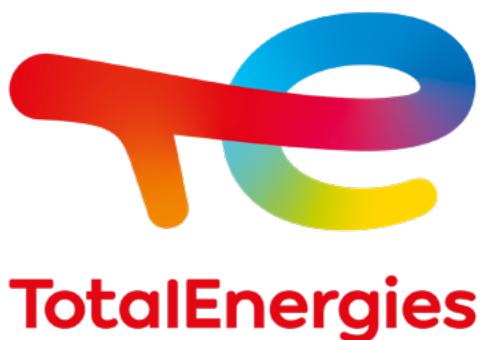




TECHNICAL DATA SHEET



«Our formulations, based on pure bases, guarantee stable, high-performance and homogeneous intrinsic properties over time. This quest for constant, optimum quality ensures that you get top-level performance at all times, in line with the demands of competition while being more respectful of the environment.»



USES



TotalEnergies RRX AS complies with the FIA 2024 regulations - Appendix J - ARTICLE 252 - 9.3.2-Advanced Sustainable (AS) Fuels.

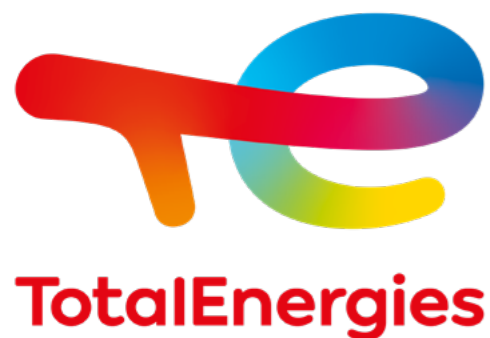
TotalEnergies RRX AS is a lead-free fuel, mad from 50% sustainable materials*, E20 suitable for both turbocharged and naturally-aspirated 4-stroke engines. Developed to provide maximum performance and reliability.

TotalEnergies RRX AS has risen to the technical challenge of offering the right formulation to meet the requirements of endurance racing, where the engine is subjected to extreme operating conditions.

*According to the mass balance system applied by a voluntary certification body approved by the European Union.

PROPRERTIES

		Typical data
Octane number	RON	102
	MON	85,5
Density at 15°C	kg/m3	777
Vapour Pressure at 37,8°C	kPa	490
Distillation	% v/v, à 100°C	71
Air Fuel Ratio at stœchiometry		13,06
Oxygen content	% m/m	7,4
Sulphur content	mg/kg	< 3,0
Lead content	g/L	< 0,005
Benzene content	% v/v	< 1,0



CHARACTERISTICS

CHARACTERISTICS	→ TECHNICAL ADVANTAGES	→ ENGINE BENEFITS
Octane number high limit of FIA regulations	→ Excellent resistance to knocking for controlled combustion.	→ Exceptional reliability under severe conditions (heat/humidity) validated on engine test bench. Allow optimizing ignition timing.
Maximized Oxygen content	→ Effect of natural supercharging . High latent vaporisation heat that facilitates mixture cooling before combustion.	→ Spontaneous power gains (without special tuning). Increases power by optimisation before ignition.
Vapour pressure optimized	→ Constant and better fuel evaporation .	→ Easy to start in all conditions.
50% certified* sustainable raw materials	→ A new generation of sustainable hydrocarbon fuel with no adverse effects on the engine.	→ Reduction of greenhouse gas emissions.

(*) According to the mass balance system applied by a voluntary certification body approved by the European Union.



RECOMMENDATIONS

TotalEnergies RRX AS helps maintain engine reliability while delivering greater performance than conventional fuel.

To get the most out of this product, it is necessary to optimize engine mapping (Air/Fuel ratio, Ignition timing...).

Conservation: To maintain its original properties, in accordance with the Fuel Health and Safety regulations, **TotalEnergies RRX AS** should be handled and stored in the shade and sheltered from adverse weather conditions and must be perfectly sealed in its drum after each use, in order to avoid losing the lightest fractions.

