



**GEM Fuel: a blended sustainable race fuel containing gasoline, bio-ethanol and bio-methanol, a very favourable CO2 footprint and excellent performance.**

GEM Fuel outperforms regular race fuel on sustainability in two areas: CO2 reduction through sustainable feedstock and an increased biomass limit. Without sacrificing performance, GEM Fuel is a double smart advanced biofuel that makes the best use of all sustainable options out there. More technical data and supplier info [www.gemfuel.com](http://www.gemfuel.com)

Property	Units	Min	Max	Test Method
RON		95.0	110	EN ISO 5164
MON		85.0	100	EN ISO 5163
Density (at 15°C)	kg/m <sup>3</sup>	760	800	ASTM D4052
Vapour pressure (DVPE)	kPa	35.0	95.0	EN 13016-1
Lead	g/L		0.005	EN 237
Manganese	g/L		0.001	ASTM D 3831
Oxidation stability	Minutes	360		EN ISO 7536
Existent gum	mg/100 mL		5.0	EN ISO 6246
Sulphur	mg/kg		3.0	EN ISO 20846 or 20884
Copper corrosion	Rating		Class 1	EN ISO 2160
Distillation:				
Final Boiling Point	°C	163	178	EN ISO 3405
Residue	% (V/V)		2	EN ISO 3405
Appearance	Clear and bright			Visual inspection
Ethanol + higher alcohols	% (V/V)	20	22	EN 13132 or 14517
Methanol	% (V/V)	41	43	EN 13132 or 14517
Ethers (5 or more C atoms)	% (V/V)		5.2	EN 13132 or 14517
Unleaded petrol as per Appendix J art 252-9.1	% (V/V)	36	38	SGS SPI 648
Water	% (V/V)		0.3	EN 12937
Inorganic chloride	mg/L		4	EN 15484
Acidity (as acetic acid)	% (m/m) (mg/L)		0.005 (40)	EN 15491
Oxygen Content	%Wt		33	

