



CIRCUIT, RALLY, MOTO

EcoFuse racing fuel contains 10% second-generation bio components meeting the FIA specification Appendix J article 252. EcoFuse is characterized by lower molecular weight and a shorter distillation curve that brings cleaner and faster combustion. Reduced formation of carbon deposits in the combustion chambers of the engine results in fewer exhaust particulates (smoke) and improved resistance to pre-ignition and detonation. The presence of ethanol also improves combustion as its high heat of vaporisation has a positive effect on the cooling of the filling gasoline-air mixture and the higher filling density resulting in improved engine power. The second generation bio-ethanol used in EcoFuse also reduces harmful emissions of carbon monoxide, nitrogen oxides, exhaust volatile organic compounds and ozone-forming pollutants.

TECHNICAL CHARACTERISTICS

		TYPICAL DATA	FIA ANNEX J 2014		TEST METHOD
			MIN	MAX	
RON		102	95	102	EN ISO 5164
MON		89	85	90	EN ISO 5163
DENSITY (at 15°C)	kg/m ³	760	720	785	EN ISO 12185
OXYGEN	% m/m	3.7	-	3.7	EN ISO 22854
NITROGEN	mg/kg	<100	-	500	ASTM D 4629
SULPHUR	mg/kg	0.005	-	10	EN ISO 20846
LEAD	mg/l	0.003	-	5	ICP
BENZENE	% v/v	< 0.03	-	1	EN ISO 22854
OXIDATION STABILITY	minutes	> 360	360	-	ASTM D 525
DVPE	kPa	54	-	80	EN 13016-1
PEROXIDES/NITROXIDES		<100	-	-	ASTM D 3703
REID VAPOR PRESSURE	hPa	620	-	-	ASTM D 323
DISTILLATION CHARACTERISTICS					
AT E100°C	% v/v	50	30	72	
AT E150°C	% v/v	97	75	-	
FINAL BOILING POINT	°C	225	-	210	ISO 3405
RESIDUE	% v/v	0.8	-	2	

Air/Fuel ratio, turbo pressure and ignition advance must be examined and re-tuned to reach optimum performances. Ignition and injection mapping are strongly recommended. It is not recommended to mix this fuel with any other additives or other fuel blends. To maintain the stated properties of the fuel the fuel must be stored according to local legislation in a dark cool place. The drum must be sealed tightly.

PLEASE READ THE SAFETY DATA SHEET (MSDS) FOR HEALTH AND SAFETY INSTRUCTIONS BEFORE USING.

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