

Bio Racing Fuel E-85

It is prepared on a base of Bioethanol enriched with additives that inhibit oxidation processes. Thanks to these additives, this fuel can be used on all engines originally powered with traditional gasoline.

Designed to be used in all competitions, except those governed by the ACI-CSAI and F.I.M. standards.

Characterized by a strong resistance to detonation (108 RON) and by an oxygen content of approx. 30% in volume, it is ideal for all supercharged vehicles that must use a flange at the intake since it restores the power lost by the limited intake, and for aspired engines with a high compression rate.

It is an environmentally-friendly fuel with a high percentage of Bioethanol of agricultural origin, which does not require modifications to the mechanical components of the vehicle, but only a simple intervention on the console mapping. This ensures an increase of power and top performances.

Conditions of Use: It is necessary to increase the fuel flow rate by approx. 30%, and to adjust the spark advance.

Technical Data

Properties	Result*	U.M.	Specification limit
Density @ 15°	785.7	Kg/m3	Min. 720 – max. 785
Lead	<0.0005	g/l	0.006
Color	Green		
Reid Vapor Pressure	35.16	hPa	Max. 900
Benzene	0.10	% in volume	Max. 1.0
Aromatics	1.50	% in volume	Max. 40
Distillation:			
Evaporated at 70°	4.90	% in volume	Min. 10 - max 47
Evaporated at 100°	-	% in volume	Min. 30 - max. 70
Evaporated at 180°	-	% in volume	Min. 85
Final Boiling Point (FBP)	79.5	°C	Max. 225
Residue	0.8	% in volume	Max. 2.0
N. RON Octane	108.9		Min. 95 – max. 102
N. MN Octane	90.8		Min. 85 – max. 90
Oxygen	29.1	% in peso	Max. 2.7

*Analysis Certificate no. 814LAB/2 of 27/11/2006 issued by the Lab ECOCONTROL srl in Pomezia (RM)