

Bio E-85

The composition of the E-85 fuel is 85% Bioethanol and 15% Gasoline. Thanks to special additives that inhibit oxidation processes, this fuel can be used with all engines, even with those originally designed for gasoline. The use of this fuel causes a remarkable increase in the engine maximum power and acceleration, because it contains approx. 30% of oxygen in volume, which also ensures a significant reduction of the temperatures.

Conditions of Use: It requires an increase of the fuel flow rate of approx. 30% and the adjustment of the spark advance according to the compression ratio.

Technical Data

Properties	Result*	U.M.	Specification limit
Density @ 15°	785.7	Kg/m ³	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	107.8		Min. 95 – max. 102
N. MN Octane	89.0		Min. 85 – max. 90
Oxygen	29.1	% in weight	Max. 2.7

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