

102 Champion

The fuel Champion is ideal for all those engines that need more oxygenation and a high resistance to detonation, complying with all the CSAI standard requirements.

It is appreciated for its excellent heat-generating power and its high volumetric filling thanks to its high density.

Thanks to its oxygenating agents, it ensures excellent performances in all aspired and turbocharged engines limited by "flanging", and a remarkable cooling in the combustion chamber by keeping the engine temperature constant even after forcing the engine to the maximum.

Conditions of Use: The best results are obtained by adjusting the spark advance and increasing the fuel flow rate.

Technical Data

Properties	Result*	U.M.	Specification limit
Density @ 15°	768.8	Kg/m ³	Min. 720 – max. 785
Lead	<0.0025	g/l	0.006
Color	green		
Benzene	0.37	% in volume	Max. 1.0
Distillation:			
Evaporated at 70°	38.9	% in volume	Min. 10 - max 47
Evaporated at 100°	60	% in volume	Min. 30 - max. 70
Evaporated at 180°	97.3	% in volume	Min. 85
Final Boiling Point (FBP)	186.9	°C	Max. 225
Residue	1.3	% in volume	Max. 2,0
N. RON Octane	102		Min. 95 – max. 102
N. MN Octane	90.5		Min. 85 – max. 90
Oxygen	2.38	% in weight	Max. 3.7

*Analysis Certificate no. 201101298 del 26/05/2011 issued by the Lab "Stazione Sperimentale per i Carburanti" in San Donato Milanese (MI)