

MOTORSPORT 109 UNLEADED

Technical Data Sheet

DESCRIPTION

Motorsport 109 Unleaded is a high-octane fuel developed for high revving engines that require oxygenated unleaded race fuel with reliable detonation protection. Will not harm oxygen sensors or catalytic converters and contains valve seat recession and VP Racing Fuels additives for extra protection. An increase in fuel flow is required to utilize the full potential of this fuel due to its high oxygen content. Intended for racing use only.

Note: exposure to sun light (ultraviolet light) must be avoided as it can degrade the octane of this fuel.

- ✓ Treated with M2 Upper Lubricant
- ✓ Treated with Ethanol Shield Stabilizer

REFERENCE NO.

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DATE

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BATCH NO.

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INSTRUCTIONS

(DIRECT-TO-TANK)

S.No.	Parameters	Unit	Typical Results	Testing Method
1	Appearance	----	Clear Green / Blue Liquid	Visual
2	Colour	----	< 3 Dark Green / Blue	ASTM D1500
3	Specific Density @ 20°C	----	0.824	ASTM D1298
4	Total Purity By GLC	%	99.99	GLC In-House method
5	Flash point	°C	40	ASTM D93
6	Water Content	PPM	0.01	ASTM D6304
7	RON	cST	109	ASTM 2699
8	MON	----	102	ASTM 2700
9	R+M/2	----	105	
10	Oxygen Content	%m/m	3.8	ASTM D4815
11	Nitrogen	%m/m	1	ASTM D5453

12	Benzene	%m/m	363	ASTM D5443
13	RVP	Kpa	6.17	ASTM D5191
14	Lead Content	gPb/l	0.006	ASTM D3348
15	Existing Gum	Mg/100ml	3	ASTM D381
16	Sulphur	%m/m	0.06	ASTM D5453
17	Copper Corrosion	Rating	1	ASTM D130
18	Distillation 50%	°C	63	ASTM D86
19	Distillation 90%	°C	100.7	ASTM D86
20	Residue	%v/v	1.5	ASTM D86

DISCLAIMER

The results displayed in this technical data sheet have been acquired using the latest revision of the methods indicated unless stated otherwise and may not be reproduced (except in full) without the written approval of Fast Racing Fuels. Air/Fuel Ratio, Turbo Pressure and Ignition Advance must be examined and re-tuned for optimum performance. To maintain the stated properties of the fuel, this product must be stored according to local legislation in a dark cool place and must not be mixed with other additives or fuel blends. Packaging must be sealed tightly when not in use. This test report is computer generated so a signature/stamp is not necessary.