

MOTORSPORT 102 UNLEADED

Technical Data Sheet

DESCRIPTION

High octane unleaded fuel designed for many uses from modern street applications, 4-cylinder import turbos to classic V8's and powersport markets which meets the economic expectations of service station unleaded 98 fuel while providing the quality and performance of a race fuel. Provides significant power gains, while maintaining reliability. Motorsport 102 Unleaded will not harm catalytic converters or oxygen sensors and is compatible with two-stroke synthetic and mineral-based engine oils.

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

REFERENCE NO.

2019/08/01/213

DATE

2019/09/01

BATCH NO.

2019/09/01

INSTRUCTIONS

(DIRECT-TO-TANK)

S.No.	Parameters	Unit	Typical Results	Testing Method
1	Appearance	----	Clear Green / Blue Liquid	Visual
2	Colour	----	<3 Green / Blue	ASTM D1500
3	Specific Density at 20°C	----	0.770	ASTM D1298
4	Total Purity By GLC	%	99.99	GLC In-House method
5	Flash point	°C	43	ASTM D93
6	Water Content	PPM	0.01	ASTM D6304
7	RON	cST	103	ASTM 2699
8	MON	----	102	ASTM 2700
9	R+M/2	----	102	
10	Oxygen Content	%m/m	3.6	ASTM D4815
11	Nitrogen	%m/m	0.3	ASTM D5453
12	Benzene	%m/m	7	ASTM D5443
13	RVP	Kpa	46.9	ASTM D5191
14	Lead Content	gPb/l	0.009	ASTM D3348

15	Induction Period	Minutes	370	ASTM D525
16	Existing Gum	Mg/100ml	3	ASTM D381
17	Sulphur	%m/m	0.06	ASTM D5453
18	Copper Corrosion	Rating	1	ASTM D130
19	Distillation 50%	°C	62	ASTM D86
20	Distillation 90%	°C	98	ASTM D86
21	Distillation FBP	°C	100	ASTM D86
22	Residue	%v/v	2	ASTM D86
23	Conductivity at 20°C	pS/m	200	ASTM D2624

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.