

MOTORSPORT 114 Q4

TECHNICAL DATA SHEET

DESCRIPTION

Motorsport Unleaded 114 (Q4) is a high-octane fuel developed for high revving engines that require oxygenated unleaded race fuel with reliable detonation protection. Product contains 40% Ethanol and is ideally position for vehicles over 700hp with flex fuel kits . Will not harm oxygen sensors or catalytic converters and contains valve seat recession and 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) can degrade the octane of this fuel and must be avoided.

- Treated with Upper Lubricant
- Treated with Ethanol Shield Stabilizer

REFERENCE NO.

82643A

DATE

16-09-2024

BATCH NO.

16092024A

INSTRUCTIONS

(DIRECT-TO-TANK)

S No.	Parameters	Unit	Typical Results	Testing Method
1	Appearance	----	Clear Liquid	Visual
2	Colour	----	< 2 GREEN	ASTM D1500
3	Specific Density @ 20°C	----	0.7638g/cm ³	ASTM D1298
4	Total Purity By GLC	%	99.99	GLC In-House Method
5	Flash Point	°C	36	ASTM D93
6	Water Content	PPM	0.01	ASTM D6304
7	RON	cST	114	ASTM 2699

8	MON	----	102	ASTM 2700
9	R+M/2	----	113	
10	Oxygen Content	%m/m	4.0	ASTM D4815
11	Nitrogen	%m/m	0.5	ASTM D5453
12	Benzene	%m/m	2	ASTM D5443
13	RVP	Kpa	6.0	ASTM D5443
14	Lead Content	gPb/l	0.004	ASTM D3348
15	Induction Period	minutes	370	ASTM D525
16	Existing Gum	Mg/100ml	1.5	ASTM D381
17	Sulphur	%m/m	0.01	ASTM D5453
18	Copper Corrosion	rating	1	ASTM D130
19	Distillation 50%			
20	Distillation 90%			
21	Distillation FBP			
22	Residue			
23	Conductivity @ 20°C			

DISCLAIMER

The results displayed in this 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. This test report is computer generated so a signature/stamp is not necessary.



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