

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 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.

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		0.765g/cm ³	ASTM D1298
4	Total Purity By GLC	%	99.99	GLC In-House Method
5	Flash Point	°C	41	ASTM D93
6	Water Content	PPM	0.01	ASTM D6304
7	RON	cST	102	ASTM 2699



MON		89	ASTM 2700
R+M/2		99.5	
Oxygen Content	%m/m	3.5	ASTM D4815
Nitrogen	%m/m	0.2	ASTM D5453
Benzene	%m/m	5	ASTM D5443
RVP	Кра	7.0	ASTM D5443
Lead Content	gPb/l	0.009	ASTM D3348
Induction Period	minutes	370	ASTM D525
Existing Gum	Mg/100ml	3	ASTM D381
Sulphur	%m/m	0.05	ASTM D5453
Copper Corrosion	rating	1	ASTM D130
Distillation 50%			
Distillation 90%			
Distillation FBP			
Residue			
Conductivity @ 20°C			
	R+M/2 Oxygen Content Nitrogen Benzene RVP Lead Content Induction Period Existing Gum Sulphur Copper Corrosion Distillation 50% Distillation 90% Distillation FBP Residue	R+M/2 Oxygen Content %m/m Nitrogen %m/m Benzene %m/m RVP Kpa Lead Content gPb/l Induction Period minutes Existing Gum Mg/100ml Sulphur %m/m Copper Corrosion rating Distillation 50% Distillation FBP Residue	R+M/2 99.5 Oxygen Content %m/m 3.5 Nitrogen %m/m 0.2 Benzene %m/m 5 RVP Kpa 7.0 Lead Content gPb/l 0.009 Induction Period minutes 370 Existing Gum Mg/100ml 3 Sulphur %m/m 0.05 Copper Corrosion rating 1 Distillation 50% Distillation FBP Residue Residue

DISCLAIMER

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