IGNITE E100 (VSR + RON+UPPER LUBE)

TECHNICAL DATA SHEET

DESCRIPTION

99.9% Ethanol. Product has been denatured FOR AUTOMOTIVE USE with Valve Seat Recession additives to prevent deposit build up on intake valves and corrosion inhibitors but also includes a combustion additive to reduce detonation further and a top end lubricant to protect valves and guides, protection of aluminium fuel system parts and cylinder walls. IGNITE E100 is a specialised Fuel and a vehicle has to be tuned for it accordingly. Product is best suited for calibration engineers who require consistency for fine tuning. Best suited for flex fuel systems designed for Ethanol blends.

- Fuel Ethanol Guidelines, Specifications and Procedures #960501
- Treated with Upper Lubricant
- Treated with Shield Stabilizer

REFERENCE NO.

201903013E100/06

DATE

15/03/2019

BATCH NO.

20190118/E100/7

INSTRUCTIONS

(DIRECT-TO-TANK)

S No.	Parameters	Unit	Typical Results	Testing Method
1	Appearance	----	Clear Liquid	Visual
2	Colour	----	< 1 Slight Yellow	ASTM D1500
3	Specific Gravity @ 20°C	----	794	ASTM D1298
4	Total Purity By GLC	%	99.99	GLC In-House Method
5	Flash Point	°C	12	ASTM D93
6	Water Content	PPM	Nil	ASTM D6304
7	RON	°C	115	ASTM 2699

8	MON	----	102	ASTM 2700
9	R+M/2	----	108.5	
10	Melting Point / Range	°C	-88.5	ASTM E324
11	Boiling Point	°C	78.4	ASTM D7169
12	Auto Ignition Temperature	°C	363	ASTM E659-15
13	Lower Explosion Limit	(V)	3.3%	ASTM E681-09
14	Upper Explosion Limit	(V)	19%	ASTM E681-04
15	Viscosity	mPa.s	2.4	ASTM D445
16	Relative Vapour Density		2.09	ASTM D4052

DISCLAIMER

Performance

Formulated for specific applications to ensure optimum performance.

Consistency

All our products offer industry leading levels of consistency and repeatability.

Quality

We pride ourselves on offering the highest standard of quality in each of our products.