

TECHNICAL DATA SHEET

« Our formula use pure bases to guarantee naturally stable, long-lasting properties, consistent from one production batch to another. This search for constant and optimum quality ensures you obtain first class performance, in conformity with racing requirements. »

USES

ELF ATMO MAX has been especially designed for naturally aspirated **4-stroke engines** running with high compression rates.

ELF ATMO MAX ensures maximum power from naturally aspirated engines with a relatively small displacement and operating at high rpm.

ELF ATMO MAX is an unleaded racing fuel suited for naturally aspirated 4-stroke engines seeking the best performance out of any fuel regulation. It can be used in circuit, Rally & Rallycross, drifting, acceleration, hill climbing.

ELF ATMO MAX is not compliant with FIA or FIM regulations.

PROPERTIES

		Typical data
Octane number	RON	101,6
	MON	86,9
Density at 15°C	kg/m3	735,0
Vapour Pressure at 37,8°C	kPa	55
Distillation	% v/v, at 100°C	68
Air Fuel Ratio at stœchiometry		14,05
Oxygen content	% m/m	3,65
Sulphur content	mg/kg	< 10,0
Lead content	g/L	< 0,005
Benzene content	% v/v	< 1,0



ELF ATMO MAX



RACING FUELS & LUBRICANTS

CHARACTERISTICS

CHARACTERISTICS	→	TECHNICAL ADVANTAGES	→	ENGINE BENEFITS
Oxygenated compound content optimized	→	Effect of natural supercharging High latent vaporisation heat that facilitates mixture cooling before combustion Increased volume filling by charge cooling	→	Spontaneous power gains over the whole range Increased power by optimisation before ignition Excellent engine response in transient phase
Octane number optimized	→	Excellent resistance of knocking for controlled combustion	→	Maximum torque and power for high torque and charged engines
Selection of the best compounds and specially about olefins	→	High combustion speed for optimized cycle efficiency	→	Significant engine power improvement at low and high revs

RECOMMANDATIONS

ELF ATMO MAX provides exceptional gains in power and reliability, without fine-tuning. However, to get full benefit from this product, engine mapping should be optimized (Air/Fuel ratio, ignition timing...).

Conservation : To maintain its original properties, in accordance with the Fuel Health and Safety regulations, **ELF ATMO MAX** should be handled and stored in the shade and sheltered from adverse weather conditions and must be perfectly sealed in its drum after each use, in order to avoid losing the lightest fractions.