

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 official regulations. »

USES

ELF GRT3 complying with the **FIA Appendix J Art.290 Group F** regulations, has been specifically developed for turbocharged 4-stroke diesel engines.

ELF GRT3 biodiesel is the result of ELF's know-how in truck and endurance racing.

ELF GRT3 is formulated to give power gains and emission smoke reduction.

ELF GRT3 is suitable everywhere **diesel engines** are raced:

- **Truck racing**
- **Sprint and endurance / touring cars.**

PROPERTIES

		Typical data	FIA / Annex J Art. 290 Gp F Regulation
Cetane number	Index	59,0	< 60,0
Viscosity at 40°C	cSt	4,40	–
Density at 15°C	kg/m3	883,0	820,0 < 900,0
Sulphur content	mg/kg	5,4	<10,0
Flash Point	°C	>160	–
LHV	MJ/kg	37,4	–

CHARACTERISTICS

CHARACTERISTICS	→	TECHNICAL ADVANTAGES	→	ENGINE BENEFITS
CETANE number high limit of FIA regulations	→	Perfect control over ignition lag	→	Reduced exhaust smokes Possible increase of compression ratios
LHV number high limit of FIA regulations	→	Important and constant energy capacity	→	Efficiency & Reliability increase
Selection of molecule content	→	Improvement in combustion kinematics	→	Smoke reduction release
Very low aromatics and sulphur content	→	Safety	→	No special precautions for use ELF GTR3 is both environment and health friendly

RECOMMANDATIONS

Even without suitable engine settings, **ELF GRT3** provides exceptional gains in power and reliability, without fine-tuning.

However, to get full benefit from this product, engine mapping must be optimized (injection timing, turbo pressure...).

Conservation : To maintain its original properties, in accordance with the Fuel Health and Safety regulations, **ELF GRT3** 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.