

## 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 C-140** is recommended for top-performance engine on account of its particularity high cetane number.

**ELF C140** biodiesel is the result of ELF's know-how in truck and endurance racing.

**ELF C140** is suitable everywhere **diesel engines** are raced:

- Truck racing,
- Sprint and endurance / Touring cars,
- Tractor pulling...

**ELF C140 is not compliant with the FIA Appendix J Art.290 Group F regulation.**

### PROPERTIES

		Typical data
<b>Cetane number</b>	Index	70,0
<b>Viscosity at 40°C</b>	cSt	4,40
<b>Density at 15°C</b>	kg/m3	834,0
<b>Sulphur content</b>	mg/kg	<10,0
<b>Flash Point</b>	°C	>110
<b>LHV</b>	MJ/kg	42,7

## CHARACTERISTICS

CHARACTERISTICS	→	TECHNICAL ADVANTAGES	→	ENGINE BENEFITS
Very High <b>CETANE number</b>	→	Perfect control over ignition lag	→	<b>Reduced exhaust smokes</b>  <b>Possible increase of compression ratios</b>
<b>LHV number</b> optimized	→	Important and constant energy capacity	→	<b>Efficiency, Reliability &amp; Power increase</b>
Very low <b>aromatics</b> and <b>sulphur</b> content	→	Safety	→	<b>No special precautions for use</b>  <b>Environment and Health friendly</b>

## RECOMMANDATIONS

Even without suitable engine settings, **ELF C140** provides exceptional gains in power and reliability, without fine-tuning.

However, to get the greatest benefits of this product, engine mapping must be optimized (injection timing, turbo pressure...).

If **FIA Appendix J Art.290 Group F regulation** is required, we recommend to use **ELF GRT3** diesel fuel.

**Conservation** : To maintain its original properties, in accordance with the Fuel Health and Safety regulations, **ELF C140** 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.