



*Using pure bases, our formulas guarantee naturally stable, long-lasting properties, consistent from one production batch to another. This search for constant and optimum quality gives you first class performance, in conformity with official regulations.*

## Use

- The **ELF C140** diesel fuel is the result of ELF’s know-how in truck and endurance racing.
- Suitable everywhere diesel engines are raced:
  - Truck racing
  - Sprint and endurance / touring cars and sport cars

## Characteristics

		Standard data
<b>CETANE NUMBER</b>	Index	68
<b>VISCOSITY AT 40°C</b>	cSt	4.40
<b>DENSITY</b>	kg/l at 15°C	0.830
<b>DISTILLATION (°C)</b>	% vol. at 250°C	<1
	% vol. at 350°C	>95
<b>SULPHUR</b>	mg/kg	<5
<b>AROMATICS</b>	% mas.	<2%
<b>CFPP</b>	°C	-10°C
<b>NCV</b>	MJ/kg	42.7

**Properties**

Characteristics	→	Technical advantages	→	Engine benefits
<b>Very high CETANE number</b>	→	Perfect control over ignition lag	→	<b>Reduced exhaust smokes</b> <b>Possible increase of compression ratios</b>
<b>High NCV</b>	→	Important energy capacity	→	<b>Power increase</b>
<b>Correct behavior under cold conditions</b>	→	No crystallization	→	<b>Good starting in winter conditions</b>
Very low <b>aromatics</b> and <b>sulphur</b> content	→	Safety	→	<b>No special precautions for use</b> <b>ELF C 140 is both environment and health friendly</b>

**Recommendations**

- For making the very most of **ELF C140** diesel fuel, engine mapping (ignition lag) and compression ratios must be optimized to profit from the high cetane number.
- **ELF C140** is recommended for top-performance use on account of its particularly high cetane number. **ELF C80** is recommended for winter conditions and/or when regulations stipulate a maximum cetane number of 60.

**Storage**

To preserve its original properties and comply with the Health and Safety rules pertaining to fuels, **ELF C140** must be handled and stored away from sunlight and bad weather and properly resealed in its drum after each use, to avoid loss of the lightest particles.

**Glossary**

For any further information relative to the technical aspects written in our Data Sheets, a glossary is on line on our website [www.acs.total.com](http://www.acs.total.com), racing fuels and lubricants section.