

“100% synthetic fluid for hydraulic control”



Uses

- **ELF HTX 2251** is a 100% synthetic hydraulic fluid for racing competitions.
- The result of ELF's expertise in Formula 1 racing, **ELF HTX 2251** reduces the response time of the hydraulic control circuit.
- **ELF HTX 2251** functions perfectly at ambient temperatures close to 160°C.
- The high viscosity index of **ELF HTX 2251** fluid ensures that hydraulic controls respond remarkably well whatever the temperature.
- **ELF HTX 2251** is ideal for the extreme conditions endured when racing, as its high boiling point gives it excellent resistance to heating.
- **ELF HTX 2251** is currently used by many teams competing in a large number of national and international FIA events.

Characteristics

	Typical values	Units
Density at 15°C	834.4	Kg/m ³
Density at 90°C	787	Kg/m ³
Viscosity at 140°C	3.3	mm ² /s
Viscosity at 120°C	4.5	mm ² /s
Viscosity at 110°C	5.3	mm ² /s
Viscosity at 90°C	7.4	mm ² /s
Viscosity at 60°C	15	mm ² /s
Viscosity at 40°C	28	mm ² /s
Viscosity at 20°C	62	mm ² /s
Flash point	226	°C
Pour point	<-42	°C

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Recommendations

- **ELF HTX 2251** is not compatible with traditional hydraulic fluids.
- **ELF HTX 2251** must be used with Viton or nitrile seals.
- Maximum operating temperature is 160°C.

Storage

ELF HTX 2251 must be handled and stored away from bad weather so that it maintains its original properties. The container must be closed carefully after each use.

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, racing fuels and lubricants section.