



# ELF HTX 976 + SAE 50

*Synthetic lubricant for 2-stroke competition engines*



*"Evolution of the HTX 976, probably the best 2-stroke lubricant for high rpm engines."*

## Uses

- **ELF HTX 976 +** is a lubricant specially developed for 2-stroke competition engines used exclusively in a blend with leaded or unleaded petrol.
- **ELF HTX 976 +** provides optimum protection against gripping and pinking.
- **ELF HTX 976 +** is used for the following applications:
  - 2-stroke leaded and unleaded petrol engines running at high rpm (up to 18,000 rpm).
- **ELF HTX 976 +** is the evolution of **ELF HTX 976**, widely used with complete satisfaction by many kartmen superkartmen and bikers..
- **ELF HTX 976 +** is perfectly suited to competitions in:
  - Motorcycle
  - Kart
  - Superkart

## Characteristics

	Typical values	Units	Methods
Density at 15°C	0.920	g/ml	ASTM D-1298
Viscosity at 40°C	148.1	mm <sup>2</sup> /s	ASTM D-445
Viscosity at 100°C	17.72	mm <sup>2</sup> /s	ASTM D-445
Viscosity Index	132	mPa.s	ASTM D-4741
Flash point	208	°C	ASTM D-92
Pour point	-30	°C	ASTM D-97
Cinders	< 0.15	% mass	ASTM D-874
Colour	Blue	-	Visual

## Synthetic lubricant for 2-stroke competition engines

### Properties

Characteristics	→	Technical gains	→	Engine benefits
100% synthetic components	→	Excellent combustion action: <b>less deposits</b>	→	Excellent reading of pistons No deterioration in engine power
Specific polymers with low soot levels + new detergent	→	Keeps <b>combustion chamber</b> clean	→	Less risk of pinking
Specific <b>demulsifiers</b>	→	Excellent <b>anti-emulsion</b> property	→	Simpler carburetion reading, even when driving in rain
Perfect <b>stability</b> at high temperatures	→	Cleanliness of <b>segmentation</b> maintained	→	Gives maximum performance at high and very high speeds

### Recommendations

- **ELF HTX 976 +** works perfectly up to 18,000 rpm.
- To fully benefit from the technical gains provided by **ELF HTX 976 +**, we do not recommend mixing it with another lubricant, except with **ELF HTX 976**.
- **ELF HTX 976** is technically compatible for use with speedboats but specific rules must be followed.
- Please consult us before any use in individual lubrication.

### Storage

To preserve its original properties, **ELF HTX 976 +** must be handled and stored away from extreme weather conditions. The can must be carefully closed again 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](http://www.acs.total.com), racing fuels and lubricants section.