



ELF HTX 909

Racing Lubricant for 2-Stroke Engine - SAE 50



RACING FUELS & LUBRICANTS

TECHNICAL DATA SHEET

“Our ELF HTX formula uses innovative oil bases to guarantee extreme performances, long-lasting properties, ensuring the best engineering for your engine. This research for constant and optimum quality is the pillar of our philosophy, in conformity with racing requirements.”

USES

ELF HTX 909 is a lubricant specially developed for 2-stroke competition engines used exclusively in a blend with leaded or unleaded petrol.

Thanks to its high content in specially selected castor oil, **ELF HTX 909** provides exceptional protection against seizing gripping, and reduced smoke emissions

ELF HTX 909 is used in 2-stroke leaded and unleaded petrol engines running at very high speeds.

ELF HTX 909 is used with complete satisfaction by the major teams in the 250cc and 125cc Motorcycle World Championship, Kart (KF1, KF2, KF3 and KZ1) and Superkart.

ELF HTX 909 is perfectly suited to competitions for:

- Motorcycle (GP 2-st, MX...)
- Kart
- Superkart ...

PROPERTIES

	Units	Typical data	Method
Density at 15°C	g/ml	0.950	ASTM D-1298
Viscosity at 40°C	mm ² /s	164	ASTM D-445
Viscosity at 100°C	mm ² /s	17.7	ASTM D-445
Viscosity Index	mPa.s	120	ASTM D-4741
Flash point	°C	>200	ASTM D-92
Pour point	°C	>-25	ASTM D-97
Cinders	% mass	< 0.25	ASTM D-874
Colour	-	Red	Visual



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CHARACTERISTICS

CHARACTERISTICS	→	TECHNICAL ADVANTAGES	→	ENGINE BENEFITS
High content of castor oil based components	→	Excellent lubrication of moving engine parts, reduced smoke emissions	→	Exceptional protection against gripping , an improved combustion ensures a cleaner engine from deposits/fouling and allowing to extract the maximum power from the engine
Lower oil proportion in the fuel-oil mixture while still assuring high mechanical protection	→	1% less oil equals 1% more fuel	→	Significant increase in engine power , improved efficient combustion
Optimized R&D formulation	→	Contain performance additives with a greater selection and carefully studied dosages compared to lubricants traditionally distributed on the market	→	Superior lubrication, cleaning, cooling of engine components and compatibility with elastomers to ensure reliability during racing events
Anti-wear additives	→	Adsorption on metal areas subject to very high pressure	→	Greater engine protection with impeccable reliability

RECOMMENDATIONS

ELF HTX 909 works in perfect combination for performance with Elf Racing fuels. To fully benefit from the technical gains of **ELF HTX 909**, we do not recommend mixing it with any other lubricant.

ELF HTX 909 is technically incompatible for use in speedboats. **Please consult us before any use in individual lubrication.**

The use of an external additives (like engine remetalling) is not recommended. Viscosity grade to be adapted by engine tuner. ELF HTX technology is compatible with all synthetic lubricants PAO and ester type.

The drain oil spacing criteria depend according to your use and required performance. Contact us for more technical information: afs-information@totalenergies.com

STORAGE

To preserve its original properties, **ELF HTX 909** must be handled and stored away from extreme weather conditions. The can must be carefully closed again after each use.

