



ELF HTX 740 75W

100% synthetic lubricant for competition engines



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 740 ensures ultra-quick speed changing in extreme conditions with high RPM. This reference is perfectly suited to engines with separate transmission, with wet clutch or not, as for example in a kart or 2-stroke motorcycle gearbox. A monograde formulation designed to maximize transmission efficiency.

ELF HTX 740 is a monograde ultra-fluid transmission lubricant specially developed for dry clutch gearboxes coupled to 2-stroke engines.

Thanks to its capacity to function under extreme loads, **ELF HTX 740** allows gearboxes to work in ultra-severe conditions and ensures particularly fast gear shifts in races.

ELF HTX 740 is used by many 125cc and 250cc Motorcycle World Championship teams.

ELF HTX 740 is perfectly suited for 2-stroke applications like:

- Motorcycle
- Kart

PROPERTIES

	Units	Typical data	Method
Density at 15°C	g/mL	0.838	ASTM D-1298
Viscosity at 40°C	mm ² /s	21	ASTM D-445
Viscosity at 100°C	mm ² /s	4.7	ASTM D-445
Viscosity Index	mPa.s	150	ASTM D-4741
Flash Point	°C	205	ASTM D-92
Pour point	°C	-50	ASTM D-97



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CHARACTERISTICS

CHARACTERISTICS	→	TECHNICAL ADVANTAGES	→	TRANSMISSION BENEFITS
Selection of specific frictional modifiers	→	Reduction of the friction coefficient in the transmission components	→	Maximization of the mechanical power available from the engine for the best performances
Viscosity grade designed to reduce friction	→	Reduction of internal frictions related to the motion of the lubricating fluid, reduction of overheating	→	Better energy transfer between transmission components, reduction of fuel consumption
Extreme pressure additive	→	Resistance and protection of surfaces against extreme mechanical loads	→	The engine can operate at higher loads and performances, ensuring the protection of the moving components
100% synthetic composition	→	Better reliability thanks to the precise control of chemical formulation, extended thermal range	→	Higher and reliable performances in extreme thermal conditions
Anti-oxidation additive	→	Ensuring correct viscosity over time and protecting lubricated components	→	Optimization of the oil change interval and transmission reliability
Anti-foam additive	→	Maintenance of lubricating properties, avoiding the reduction of viscosity, oxidation and cavitation problems	→	Increased engine reliability and correct protection of lubricated components



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RECOMMENDATIONS

ELF HTX 740 must not be used in an immersed clutch.

There is no specific precaution to take on first use of **ELF HTX 740** other than to remove the previous lubricant and properly clean the system. No incompatibility with the gearbox materials is known to date.

ELF HTX 740 functions perfectly at ambient temperatures above -10 °C

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 740** must be handled and stored away from extreme weather conditions. The can must be carefully closed again after each use.