



ELF HTX 740 75W

100% synthetic lubricant for competition gearboxes



“Probably the best gearbox lubricant in the world for reducing frictional loss in 2-stroke engines.”

Uses

- **ELF HTX 740** is a monograde ultra fluid 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

Characteristics

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

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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.
- No incompatibility with the gearbox materials is known to date.
- **ELF HTX 740** functions perfectly at ambient temperatures above -10°C.

Properties

CHARACTERISTICS	→	TECHNICAL GAINS	→	TRANSMISSION BENEFITS
Selection of specific frictional modifiers	→	Exceptional reduction in frictional loss	→	Power loss reduced to minimum for optimum performance
Particularly fluid viscosity grade	→	Less internal friction	→	Power loss reduced to minimum for optimum performance
Extreme pressure additive	→	Higher resistance to heavy loads borne by clutches	→	Optimum protection of moving parts
Composition 100% synthetic	→	Perfect thermal stability	→	Very steady performance even under intensive use at high temperature
Anti-oxidation additive	→	Perfect oxidation stability	→	
Anti-foam additive	→	Maintains high level of lubrication by inhibiting foam phenomenon	→	Preservation of lubricants' properties throughout run for impeccable reliability



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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.

Glossary

100% SYNTHETIC:

Unlike certain lubricants on the market bearing the synthetic label, **ELF HTX 740** really contains no mineral base.

FRICTIONAL MODIFIER:

Additive used to reduce the coefficient of friction on oiled parts, thus improving their mechanical efficiency.

EXTREME PRESSURE ADDITIVE:

Chemical compound used to reduce wear and avoid surfaces in contact seizing.

VISCOSITY:

Characteristic measuring a fluid's pour resistance. Its level is adapted according to the desired applications and represents a key parameter of the lubricant.

OXIDATION:

Chemical reaction at high temperature between oxygen from the air and the lubricant causing premature degradation. The anti-oxidation additives protect the lubricant from this phenomenon.