



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 |

*100% synthetic lubricant for competition gearboxes***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.

FRICITIONAL 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.