



RACING & **Fuels & Lubricants**
INTERNATIONAL PRODUCT GUIDE



FUELS
LUBRICANTS
TECHNICAL FLUIDS



A brand of TOTAL

EDITORIAL

RACING Fuels & Lubricants

For more than 50 years, the Group TOTAL, in particular through its ELF brand, has been a competitive, innovative and successful brand.

Thanks to years devoted to motorsport research and innovation, our products will allow you to achieve excellence. They have been a reference in the most prestigious international competition for decades.

Hence, the TOTAL Additives & Special Fuels team are pleased to present the Racing Fuels and Lubricants guide.



Total ACS : 110 employees committed every day to your passion for racing

TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL



KEY FIGURES

- ▶ More than **50** years in motorsport business
- ▶ In 2020, more than **20** different exclusive championships supplied worldwide and more than **170** international races
- ▶ More than **110** people work to propose you the best products
- ▶ In 2020, **10%** of our volumes composed of renewable resources

RACING FUELS

WRC
FIA WORLD RALLY
CHAMPIONSHIP



OFFICIAL FUEL SUPPLIER OF THE
FIA WORLD RALLY CHAMPIONSHIP



PRODUCT RANGE

RACING FUELS

	AUTO	MOTO	KARTING	HISTORIC	TRUCK	4-STROKE	2-STROKE	TURBO	ATMO	CONTROL FUEL	FIA	FIM	NO REGULATION	PAGE
TOTAL EXCELLIUM RALLY	•					•		•	•	•	•			8
ELF TURBO REF	•					•		•			•			10
ELF ATMO MAX	•					•			•				•	11
ELF CORE 50	•	•	•			•	•	•	•	•	•			12
ELF RACE 102	•	•	•			•	•	•	•	•			•	12
ELF PERFO 105	•	•				•		•					•	14
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ELF 4S FIM EVOX		•				•			•			•		16
ELF MOTO2 FIM		•				•	•		•	•		•		17
ELF MITS 46		•	•				•		•			•		18
ELF E85R	•					•		•	•				•	19
ELF ATMO VINT	•			•		•			•				•	21
ELF AVSP 11 VS	•	•		•		•	•	•	•				•	21
ELF C-140	•				•	•		•					•	22
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RACING FUELS

2-STROKE

4-STROKE

ATMO

TURBO

WHAT IS A RACING FUEL ?



Fuel developed for motorsport engines (2 or 4-strokes)

Volumetric ratio ↗

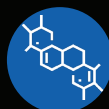
Fill ratio ↗

Turbo pressure ↗



Optimizing the engine performance / reliability

Fuels are optimized to meet expectations of engine manufacturers.



Formulation made from high quality / with optimum blending control

Constant engine settings.



Follow the different official regulations (FIA-FIM) when required

RON/MON, chemical composition, vapor pressure, density...

WHAT DIFFERENCE ?



PUMP FUELS



RACING FUELS

Rafinery output quality

Bases + solvents / Qualitative molecules selections

Comply with the EN228 (Europe)

Specific technical regulations (FIA - FIM)

Variability in time depending on crude oil, and rafinery's seasonality specifications

Constant formulation > same engine settings during all the championship (knocking limits)

Generic utilization

Specific needs for racing engines

All kind of engine

Specific adaptation for precise engine application

MORE THAN 50 YEARS OF "KNOW-HOW" IN RACING FUELS...

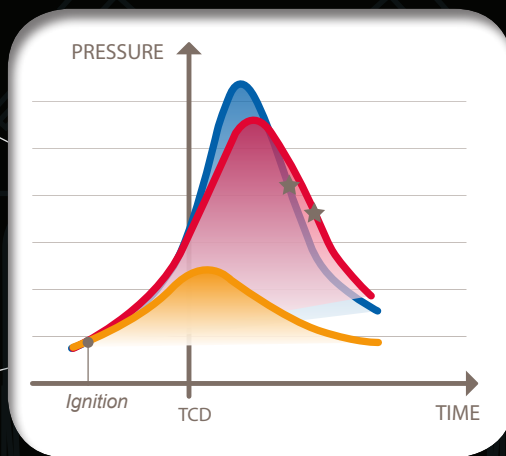
Fuel composition determines properties of fuel combustion in engine

ALCOHOL
ETHER

Inlet Air Cooling
Supercharging Effect

"VAPOR
LOCK" ISSUE

Control of volatile molecules



OXYGENATES
AROMATICS

Anti-knocking
properties

OLEFINS

High combustion speed

ADDITIVES

Detergent, ARS (Valve seats
protection), Oxidation inhibitors





COMPLIANT WITH 2020 FIA APPENDIX J

4-STROKE

ATMO & TURBO

- OFFICIAL FIA WRC FUEL
- PERFORMANCE / RELIABILITY
- COST EFFECTIVE

OXYGEN CONTENT 3.70% m/m
RON 101.7
MON 88.4



TOTAL EXCELLIUM RALLY, the official FIA WRC fuel used by top teams. It is compliant with 2020 FIA Appendix J regulation. This fuel offers a perfect balance between performances and reliability at an affordable cost.

TOTAL EXCELLIUM RALLY is used by many national teams around the world in the rally market, well beyond the WRC Championship. Engine maps are prepared by main manufacturers.

APPLICATION: Turbo-charged engine and naturally-aspirated engines : WRC, R5, R2...



Official FIA WRC FUEL 2019 -2020 - 2021





OFFICIAL FUEL SUPPLIER OF THE
FIA WORLD RALLY CHAMPIONSHIP



ELF TURBO REF

COMPLIANT WITH 2020 FIA APPENDIX J

4-STROKE

TURBO

- MAXIMUM PERFORMANCE
- HIGH PROTECTION AGAINST KNOCKING

OXYGEN CONTENT 3,60% m/m
RON 101,4
MON 86,5



ELF TURBO REF is the racing fuel reference on the market, optimized for turbo-charged engines within the FIA regulation (Appendix J 2020), specifically designed for R5 engines.

With a choice of high energy content molecules allowing a high compression rate, **ELF TURBO REF** leads to an optimized cycle efficiency.

APPLICATION: WRC, R5, R4, R3, Gr A, Gr N,...



The new **RE**ference on the market !





ELF ATMO MAX

NO REGULATION

4-STROKE

 ATMO

- MAXIMUM PERFORMANCE
- HIGH COMBUSTION SPEED

OXYGEN CONTENT **3.60% m/m**
RON **101.6**
MON **86.9**



ELF ATMO MAX is formulated with specific olefin compounds, which generate very high combustion speed. This racing fuel delivers excellent engine acceleration and power output.

ELF ATMO MAX is compliant with AMA® regulation and very much appreciated by US MX top teams.

It can also be used in former F1 cars.

APPLICATION : Former F1, US MX...



Used by **professional teams** on US market

ELF CORE 50

COMPLIANT WITH 2020 FIA APPENDIX J

4-STROKE

ATMO & TURBO

- PROTECTION AGAINST KNOCKING
- NATURAL SUPERCHARGING EFFECT

OXYGEN CONTENT 3.60% m/m
RON 101,7
MON 88.5



ELF CORE 50 provides significant enhancement in power and reliability, even with no fine-tuning. To get the greatest benefits from this product, engine mapping should be optimized (Air / Fuel ratio, Ignition timing).

ELF CORE 50 is an unleaded racing fuel designed to be used either in naturally-aspirated or turbo-charged 4-stroke engines. This polyvalent fuel is particularly suited as a control fuel when an unique fuel is imposed in series.

APPLICATION: Circuit (GT, monoplace)...

Official fuel of SRO GT Series (Europe, America, Asia) 2020, 2021, 2022 !

ELF RACE 102

NO REGULATION

2 & 4-STROKE

ATMO & TURBO

- PROTECTION AGAINST KNOCKING
- CAN BE USED WITH ORIGINAL ENGINE MAPPING SET FOR STANDARD PUMP FUEL

OXYGEN CONTENT 3,70% m/m
RON > 102,0
MON > 88,0



ELF RACE 102 formulation guarantees a fuel with an octane number greater than 102 and with properties that remain stable over time. Developed for all types of racing, this fuel meets the economic expectations of unleaded premium pump fuel users, while providing the quality and performance of a race fuel.

APPLICATION: Multipurpose...

Race technology you can't get at the fuel station: a major success since 2015 !

**RACE TECHNOLOGY
YOU CAN'T GET
AT THE FUEL STATION**



A brand of **TOTAL**

ELF RACE 102

HERE IS WHERE YOU GET IT acs.total.com

FUELS

LUBRICANTS

TECHNICAL FLUIDS

ELF PERFO 105

NO REGULATION

4-STROKE

TURBO

- OUTSTANDING PERFORMANCE
- HIGH OXYGEN CONTENT
- HIGHEST OCTANE NUMBER

OXYGEN CONTENT 16,50% m/m
 RON > 110,0 AKI 105,0
 MON > 97,0



ELF PERFO 105 is the fuel designed to provide the maximum octane number reachable for an unleaded racing fuel. Unfettered by technical regulations, it has been developed without any compromise. The performance results are spectacular for a large range of heavy loaded engines (up to 10% measured against competitors' unleaded fuel).

ELF PERFO 105 has particularly high octane numbers (RON>110) and oxygen compound content, which require specific mapping and increased injection flow rate. This fuel is much appreciated in the Drag racing community.

APPLICATION: Rally, Hill climb, Drag racing...

Powered the Peugeot 208 T16 Pikes Peak to set **record at Pikes Peak** international hill climb, or the Subaru® WRX STI at **Isle of Man TT**





ELF PERFO 100

NO REGULATION

4-STROKE

TURBO

- HIGH PERFORMANCE
- WITHOUT OXYGEN
- HIGH OCTANE NUMBER

OXYGEN CONTENT 0,00% m/m
RON > 107,0
MON > 96,0



ELF PERFO 100 is an oxygen-free racing fuel with very high octane number (RON >107). Not compliant with FIA regulation, the performance gain measured on turbo engines is considerable.

ELF Research has combined its expertise with the will to push engines and technology beyond known limits, to developed this atypical fuel.

ELF PERFO 100 is the gasoline of the ELF racing range product that has the best octane numbers technically possible for an unleaded and non-oxyganted fuel.

APPLICATION: Rally Cross...

Used in former GRC US top teams



ELF 4S FIM EVOX

COMPLIANT WITH FIM REGULATION

4-STROKE

 ATMO

- MAXIMUM PERFORMANCE
- HIGH COMBUSTION SPEED

OXYGEN CONTENT 3,60% m/m
RON 101.6
MON 89.5




ELF 4S FIM EVOX is directly based on ELF's expertise in MotoGP™ and offers maximum performance within the limits of FIM regulation.

ELF 4S FIM EVOX is a top of the range product which enables to improve the performance of your motorbike engine.

Its specific olefin content gives a very high combustion speed that is particularly efficient at high rpm.

APPLICATION: Circuit, Motocross, WSBK™, MX GP™...

 New **reference** in World Superbike and MX Racing.





ACCESS

ELF MOTO2 FIM

COMPLIANT WITH FIM REGULATION

2 & 4-STROKE

 ATMO

- QUALITY CONSISTENCY
- COST EFFECTIVE

OXYGEN CONTENT 2,70% m/m
RON 101,0
MON 88,5



ELF MOTO2 FIM is the cost effective FIM compliant racing fuel for bikers. Compared to pump fuels, its consistency guarantees stable tuning and performance gains at an affordable price.

Used at the 24 Hours Moto, **ELF MOTO2 FIM** provides quality consistency for perfectly controlled combustion.

NB : For 2-stroke engines, should be combined with either **ELF HTX 909** or **ELF HTX 976+** racing lubricants to get the best out of the engine.

APPLICATION : Circuit, SBK™, Endurance, MX, SX, Supermoto...



Former official fuel of Moto2™ and Moto3™ championships.

ELF MITS 46

COMPLIANT WITH FIM REGULATION

2-STROKE

ATMO

- MAXIMUM PERFORMANCE
- HIGH COMBUSTION SPEED

OXYGEN CONTENT 2,60% m/m
RON 101,5
MON 89,5



ELF MITS 46 is the first choice for 2-strokes karting and motorbikes racers. Made for specialists, it requires fine tuning of the engine.

This fuel is the outcome of advanced research based on ELF's expertise in former 2-strokes moto Grand Prix.

Owing to its specific formula, **ELF MITS 46** offers exceptional anti-knock protection and enhances combustion at high speeds.

APPLICATION: Karting, MX...



Should be combined with either **ELF HTX 909** or **ELF HTX 976+** racing lubricants to get the best out of the engine



ELF E85R

NO REGULATION

4-STROKE

ATMO & TURBO

➤ QUALITY CONSISTENCY

➤ HIGH ENERGETIC CONTENT

OXYGEN CONTENT 30,00% m/m
RON > 104,0
MON > 89,0



ELF E85R is a racing fuel which formulation is based on 85% oxygen compound content. In addition to the usual benefits of E85 (high oxygen content and octane number), this fuel offers many advantages over E85 from the fuel station:

- selection of high energy content molecules to improve power output
- consistency of oxygen content and vapour pressure for stable mapping

To ensure best performance with **ELF E85R**, fuel flow calibration must be carefully set.

APPLICATION: Any usual use in E85, Drift...



Be aware of material compatibility with this type of fuel





ELF ATMO VINT

NO REGULATION

4-STROKE

 ATMO

- ↗ HIGH OCTANE NUMBER
- ↗ HIGH COMBUSTION SPEED
- ↗ VALVE SEAT PROTECTION

OXYGEN CONTENT **1,60% m/m**
RON **104,5**
MON **91,7**

HISTORIC



ELF ATMO VINT is designed for old vehicles with engines previously running on leaded gasoline.

ELF ATMO VINT offers high combustion speed and valve seat protection.

APPLICATION: Old engines previously running on leaded gasoline...

Modern fuel for old fashioned vehicle

ELF AVSP 11 VS

NO REGULATION

2 & 4-STROKE

 ATMO &  TURBO

- ↗ HIGH OCTANE NUMBER
- ↗ VALVE SEAT PROTECTION

OXYGEN CONTENT **2,60% m/m**
RON **> 107,0**
MON **> 95,0**

HISTORIC



ELF AVSP 11 VS is an unleaded fuel version inspired by Avgas and also provides valve seat protection.

Thanks to its particularly high octane levels, **ELF AVSP 11 VS** offers excellent knocking resistance. **ELF AVSP 11 VS** optimises the operation of engines previously running on high-octane leaded gasoline such as Avgas.

APPLICATION: Old engines previously running on leaded gasoline...

The perfect substitute to airfield Avgas

ELF C-140

NO REGULATION

4-STROKE

TURBO

➤ HIGH CETANE NUMBER

➤ POWER INCREASE

CETANE NUMBER **68,0**
LHV 42.7 MJ/kg
SULPHUR CONTENT < 10 ppm



ELF C-140 is recommended for top-performance use on account of its particularly high cetane number.

To get the most of this product, engine mapping and compression ratios must be optimized to profit from the high cetane number.

APPLICATION: Truck racing, Sprint & Endurance, Touring & Sport cars, Tractor pulling...



Used in Off Road Racing championships



ELF GRT3

COMPLIANT WITH 2020 FIA APPENDIX J

4-STROKE

TURBO

➤ MAXIMUM PERFORMANCE

➤ HIGH RELIABILITY

CETANE NUMBER 59,0
LHV 37,4 MJ/kg
SULPHUR CONTENT < 10 ppm



ELF GRT3 biodiesel is the result of ELF's know-how in truck and endurance racing.

To get full benefit from this product, engine mapping and compression ratios must be optimized to profit from the high cetane number.

APPLICATION: Truck racing, Sprint, Endurance, Touring cars...



Used by top teams in european championships





ASTON MARTIN
AMR
TOTAL

sparco

PRO

TAG HEUER

DUPONT

XEROPOVIC

JULIA

AMR2

AMR1



PRODUCT GUIDE

RACING FUELS

Our formula use pure bases to guarantee naturally stable, long-lasting properties, consistent from one production batch to another. This search for constant and optimum quality ensures you obtain first class performance, in conformity with racing requirements.

ENGINE TYPE	REGULATION	RACING FUEL	COMMENTS
TURBO	2020 FIA Appendix J	ELF TURBO REF	Turbo reference (FIA)
		TOTAL EXCELLIUM RALLY	Rally reference (FIA)
		ELF CORE 50	Multipurpose
	No regulation	ELF PERFO 105	Turbo reference (NO FIA), high octane
		ELF PERFO 100	0% oxygen
		ELF E85R	Racing E85
		ELF RACE 102	Multipurpose access
ELF AVSP 11 VS	Adapted to engines using leaded gasoline		
ATMO	2020 FIA Appendix J	ELF CORE 50	Multipurpose
		TOTAL EXCELLIUM RALLY	Rally reference
	FIM	ELF 4S FIM EVOX	Moto reference (FIM)
		ELF MOTO2 FIM	Access
	No regulation	ELF MITS 46	Fine-tuning / 2-stroke
		ELF ATMO MAX	Atmo reference (NO FIA / NO FIM)
		ELF E85R	Racing E85
		ELF RACE 102	Multipurpose access
ELF ATMO VINT	Adapted to engines using leaded gasoline		
ELF AVSP 11 VS	Adapted to engines using leaded gasoline		
2-STROKE	2020 FIA Appendix J	ELF CORE 50	Multipurpose
	FIM	ELF MOTO2 FIM	Access
		ELF MITS 46	Fine-tuning
	No regulation	ELF RACE 102	Multipurpose access
		ELF AVSP 11 VS	Adapted to engines using leaded gasoline
CONTROL FUEL	2020 FIA Appendix J	ELF CORE 50	Multipurpose
HISTORIC FUELS	No regulation	ELF ATMO VINT	Adapted to engines using leaded gasoline
		ELF AVSP 11 VS	Adapted to engines using leaded gasoline
DIESEL	2020 FIA Appendix J	GRT3	Racing diesel (FIA)
	No regulation	C-140	Racing diesel (high cetane)



RACING

LUBRICANTS

PRODUCT RANGE

RACING LUBRICANTS

ENGINE	AUTO	MOTO	KARTING	4-STROKE	2-STROKE	PAGE
ELF HTX 830 0W-30	•			•		31
ELF HTX 840 0W-40	•			•		31
ELF HTX 850 5W-50	•	•		•		31
ELF HTX 860 10W-60	•	•		•		31
ELF HTX 3820 0W-20		•		•		33
ELF HTX 3830 0W-30		•		•		33
ELF HTX 3835 5W-30		•		•		33
ELF HTX 909 SAE 50			•		•	35
ELF HTX 976+ SAE 50		•	•		•	35

TRANSMISSION	COMMENTS	PAGE
ELF HTX 725 75W-80	Manual or sequential gearbox, with or without differential - Low viscosity - LSD	37
ELF HTX 735 75W-90	Manual or sequential gearbox, TB & Axle	37
ELF HTX 740 75W	Gearbox - Very low viscosity - Wet Clutch	37
ELF HTX 755 80W-140	Manual or sequential gearbox, Dogbox, TB & Axle - High viscosity - LSD	37

TECHNICAL FLUID	COMMENTS	PAGE
ELF HTX 320 DOT 4	Brake fluid	38
TOTAL HTX COOLANT CI	Corrosion inhibitor	38

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RACING ENGINE LUBRICANTS

4-STROKE

ELF HTX lubricants provides optimum engine protection and performances thanks to the combination of advanced chemical components carefully selected after years of experience in developing successful racing products. **ELF HTX** lubricants are validated through severe engine testing in partnership with experienced racing organizations and teams.



LUBRICATION

- To reduce friction
- To reduce consumption and increase performance



CLEANING

- To eliminate deposits on surfaces and contaminating particles.



COOLING

- To extract heat

ELF HTX lubricants are designed using only base oils from API groups IV and V produced by controlled synthetic chemistry. Unlike a mineral or semi-synthetic lubricant, full synthetic engine oil provides improved engine operation under high load conditions thanks to improved thermal resistance, oxidation stability and enhanced heat transfer.

The polymers used in **ELF HTX** lubricants are specially designed to optimize oil film thickness within lubricated contacts in order to reduce friction losses and to maintain engine reliability.

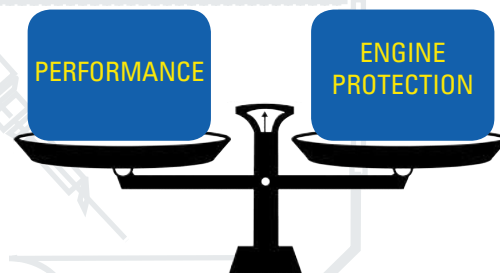


WHICH VISCOSITY GRADE SHOULD YOU CHOOSE ?

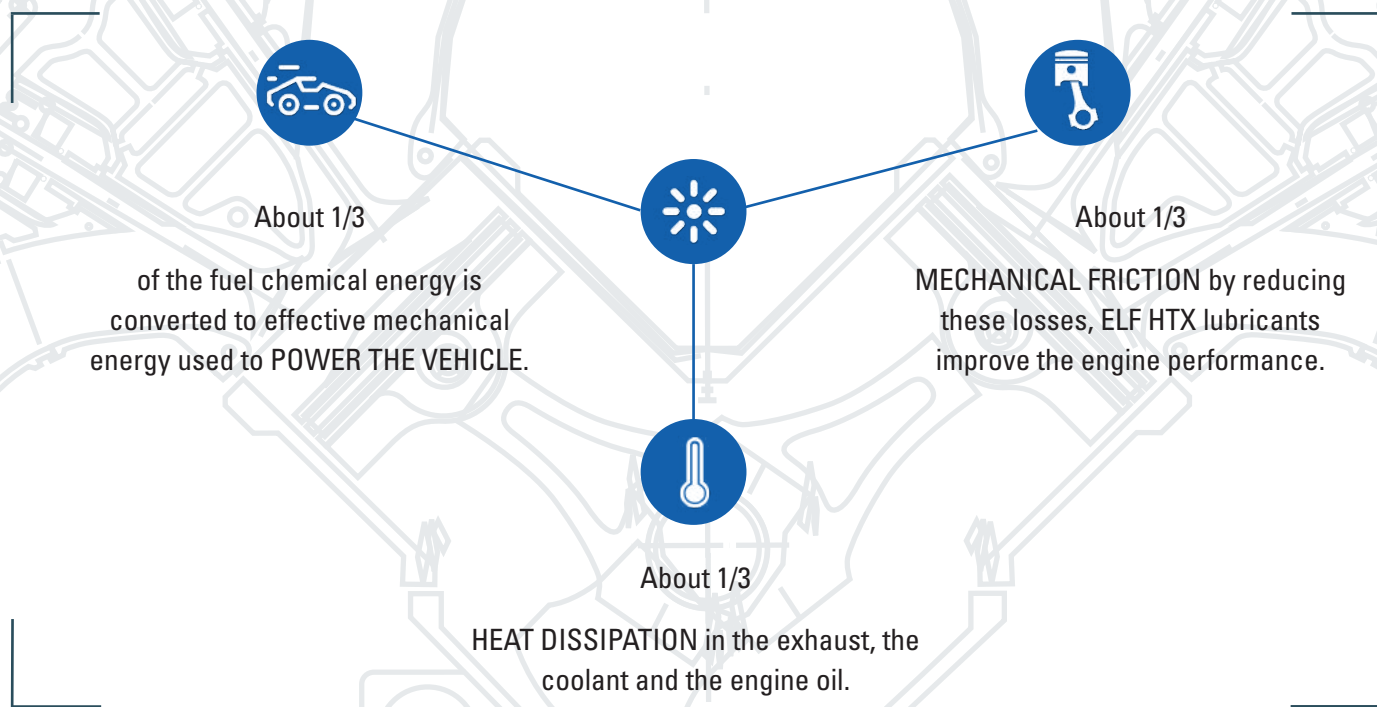
It is recommended to follow the engine manufacturer specification for the high temperature grade. Using a higher viscosity grade than recommended by the manufacturer will improve engine protection but may also reduce oil flow in the engine (which is not necessarily an issue).

Using a lower viscosity grade than recommended by the manufacturer will reduce friction losses but might also increase the risk of wear in specific area of the engine (bearing, cylinder, rings, oil pump).

Caution : it may reduce oil pressure.



HOW IS THE ENERGY DISTRIBUTED IN A TYPICAL RACING ENGINE ?



ELF HTX 4-STROKE ENGINE RANGE FOR CARS

100% SYNTHETIC



The polymers used in **ELF HTX** lubricants are specially designed to optimize oil film thickness within lubricated contacts in order to reduce friction losses and maintain engine reliability.

ELF HTX technology is the perfect balance between the performance and the engine protection.



ELF HTX 830 0W-30



PERFORMANCE ●●●●●●
ENGINE PROTECTION ●●●●○○

ELF HTX 830 is designed for maximal engine performance in short and medium length races, and offers an optimal level of protection, reducing friction on moving mechanical parts.

ELF HTX 840 0W-40



PERFORMANCE ●●●●●○
ENGINE PROTECTION ●●●●●○

ELF HTX 840 is designed for engine performance in short and medium length races, and offers a high level of protection. It is the excellent compromise between engine performance and protection.

ELF HTX 850 5W-50



PERFORMANCE ●●●●●○
ENGINE PROTECTION ●●●●●○

ELF HTX 850 offers high engine protection for outstanding reliability and maintain engine performance under prolonged heavy loading.

ELF HTX 860 10W-60



PERFORMANCE ●●●●○○
ENGINE PROTECTION ●●●●●●

ELF HTX 860 offers the maximal engine protection for outstanding reliability and maintain engine performance under prolonged heavy loading.



ELF HTX 4-STROKE ENGINE RANGE FOR BIKES

100% SYNTHETIC



This product range is specially designed for wet clutch motorcycle applications with combined engine and transmission.

ELF HTX contains the latest additive technology to protect gears for scuffing and pitting wear. It meets the requirement of the JASO standards to avoid slippage in wet clutch applications. Those lubricants are directly based on ELF's experience in competition. They are specially designed to obtain maximum engine power.

ELF HTX 3820 0W-20



PERFORMANCE ●●●●●●
ENGINE PROTECTION ●●●●○○

Due to its ultra fluid grade, **ELF HTX 3820** is designed for short runs such as qualifying sessions or short races.

ELF HTX 3830 0W-30



PERFORMANCE ●●●●●○
ENGINE PROTECTION ●●●●●○

ELF HTX 3830 is an excellent compromise between performance and reliability for 4-strokes motorcycles.

ELF HTX 3835 5W-30



PERFORMANCE ●●●●○○
ENGINE PROTECTION ●●●●●●

ELF HTX 3835 5W30 offers the maximum engine protection for outstanding reliability and maintain engine performance under prolonged heavy loading for 4-strokes motorcycles.



ELF HTX 2-STROKE ENGINE RANGE FOR 2-STROKE

100% SYNTHETIC & CASTOR



The **ELF HTX** 2-stroke range has a remarkable thermal stability and antioxidant properties, it offers exceptional resistance at high running temperatures.

In addition to providing a great protection against seizing, those racing lubricants bring top performances.

ELF HTX 2-stroke range is a reference range of product in the Karting and Motorcycle world! Those lubricants are specially developed for 2-stroke racing engines used in a blend with leaded or unleaded fuel. The perfect match with ELF unleaded racing fuels.

ELF HTX 909 SAE 50



PERFORMANCE ●●●●●●
ENGINE PROTECTION ●●●●●○

SYNTHETIC WITH CASTOR

Based on castor oil technology, **ELF HTX 909** provides exceptional protection against seizing. It is recommended for engines running at very high speeds (up to 25,000 rpm), especially for Karts and Motocross racing.

ELF HTX 976+ SAE 50



PERFORMANCE ●●●●●○
ENGINE PROTECTION ●●●●●●

100% SYNTHETIC

ELF HTX 976+ provides optimum protection against gripping and pinking.

ELF HTX TRANSMISSION DRIVELINE RANGE

100% SYNTHETIC



ELF HTX lubricants provides optimum transmission protection and performances thanks to the combination of advanced chemical components carefully selected after years of experience in developing successful racing products. **ELF HTX** lubricants are validated through severe testing in partnership with experienced racing organizations and teams.



ELF HTX 725 75W-80



PERFORMANCE



TRANSMISSION PROTECTION



ELF HTX 725 results directly from our research and development's work carried out in Formula 1. Designed to reduce the power loss into transmission to the minimum, its performance has been proven in F2/ F3 as well as Formula Renault's engines. Ideal for gearbox, manual or sequential with or without integrated limited slip differential, coupled with high RPM engines.

ELF HTX 735 75W-90



PERFORMANCE



TRANSMISSION PROTECTION



ELF HTX 735 is an excellent compromise between performance and reliability, making it easy and quick to shift gears up for an unrivalled driving experience for short or long duration runs. Its properties make this oil suitable for all types of gearbox, transfer box and axle (without limited slip) that require a lubricant that meets the API GL-4 or GL-5 specification.

ELF HTX 740 75W



PERFORMANCE



TRANSMISSION PROTECTION



ELF HTX 740 ensures ultra-quick speed changing in extreme conditions with high RPM. This reference is much used in separated transmission, with wet clutch or not, as for example in a kart or 2-stroke motorcycle gearbox. A monograde formulation designed to maximise transmission efficiency.

ELF HTX 755 80W-140



PERFORMANCE



TRANSMISSION PROTECTION



ELF HTX 755 is recommended for lubricating manual or sequential gearbox, dogbox, transfer box, limited slip differential or not and hypoid axle for long duration runs. Gets outstanding performances and best protection, especially for high torque applications.

HTX AUXILIARY FLUIDS AUXILIARY RANGE



ELF HTX 320 DOT 4

- EXTREME TEMPERATURE
- DRY BOILING POINT : 328°C

100% SYNTHETIC



BRAKE FLUID

ELF HTX 320 is a 100% synthetic DOT 4 brake fluid based on glycol ether technology. It features a particularly high boiling point, guaranteeing its suitability for use in the harshest conditions.

It is compatible with all types of elastomer used in braking systems.

HTX 320 DOT 4 is designed for motorsport, specially formulated to provide the best performance in the most challenging conditions encountered in car, motorcycle and go-kart racing.

TOTAL HTX COOLANT CI



- INCREASED HEAT EXCHANGES
- ANTI-CORROSION PROTECTION AND ANTI-CAVITATION
- NO DEPOSIT FORMATION
- BETTER STABILITY IN TIME

100% SYNTHETIC









COOLANT

Approved by Peugeot Sport and Citroën Racing, **TOTAL HTX COOLANT CI** (Corrosion Inhibitor), to be diluted with distilled water, provides optimum protection against corrosion and cavitation in the cooling system of your engine. It meets the most extreme requirements of motorsport.

PRODUCT GUIDE

RACING LUBRICANTS

CATEGORY		THE RANGE		
4-STROKE ENGINE		HTX 830	0W-30	5L
		HTX 840	0W-40	5L
		HTX 850	5W-50	5L
		HTX 860	10W-60	5L
		HTX 3820	0W-20	1L
		HTX 3830	0W-30	1L
HTX 3835		5W-30	1L	
2-STROKE ENGINE		HTX 909	SAE 50	1L
		HTX 976+	SAE 50	1L
TRANSMISSION		HTX 725	75W-80	5L
		HTX 735	75W-90	5L
		HTX 740	75W	1L
		HTX 755	80W-140	5L
BRAKE FLUID		HTX 320	DOT 4	0,5L
COOLANT		HTX COOLANT CI	Organic corrosion inhibitor	5L




RACING & **Fuels & Lubricants**
INTERNATIONAL PRODUCT GUIDE


TOTAL ADDITIFS ET CARBURANTS SPECIAUX


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