

A brand of passion

Made Legendary, Made For You

Lubricants product catalog

#ELF
#ELFLubricants
#TheNewLubProject

TotalEnergies Lubrifiants

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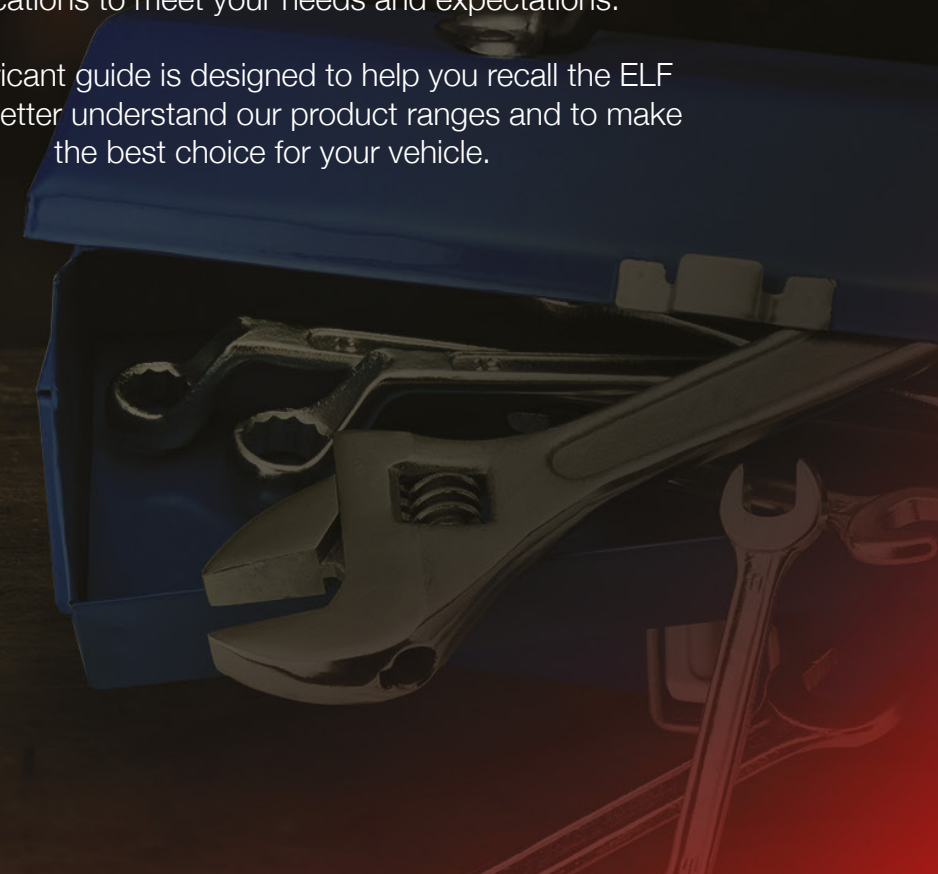


Editor's Note

From the racetrack to your own car's engine, ELF is recognized as a partner of choice when it comes to lubricants.

We celebrate every victory with ELF, and we take great pride in our lubricants product range because the team is committed to serve you with high technological products, all types of applications to meet your needs and expectations.

This Lubricant guide is designed to help you recall the ELF story, to better understand our product ranges and to make the best choice for your vehicle.



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About ELF

Brand History

From 1960, Facts Today

We Have Been Engineered To Power Success

1967

ELF's story began in France, 1967, as a government-owned corporation. We first caught the world's attention when we plastered our huge 'red circles' on Union Générale des Pétroles' networks' oil tanks and petrol stations.

That was the beginning of ELF's rise to become a global leader in lubricant technology. At the start, we were powered by the mere simple idea of producing quality lubricants for vehicles. Over the years, we recognized our potential to revolutionize the quality of drives forever, and our ambition grew.



We Are Constantly Moving Ahead

1994

Initially, ELF was owned by the French Government until 1994 when its ownership was transferred to a privately owned corporation.

2000

In 2000, ELF merged with lubricant powerhouse Total, the fourth largest energy company in the world, which has expanded our operations to across the globe.

ELF lubricants today have:

- **6** ranges, more than **100** products
- Distributed in more than **90** countries
- **41** production plants

ELF has become a key player in the world of competition as a partner of its greatest victories.

Our standout wins include:

- 1968** | ELF sponsors Matra-Ford MS10 on the Dutch circuit, Zandvoort, at the F1 World Championship. Emerges as victor.
- 1969** | ELF clinches titles of F1 'World Champion' and F1 'World Champion Constructors' titles.
- 1970** | ELF enters competition with Renault. The two brands sign a contract to develop a high-performance engine.
- 1971** | Renault and ELF win the Monte-Carlo rally, the French Championship and the International Rally Championship.
- 1974** | ELF sponsors the legendary 6-wheeled Ford Tyrrell P34 at Swedish Grand Prix.
- 1978** | ELF sponsors the Renault Alpine V6, fashioned in ELF's brand colours, at 24 Hours of Le Mans. Emerges as victor.
- 1985** | ELF stands on the podium at the F1 Grand Prix.
- 1989** | Renault enters F1 again with Williams, accompanied by ELF.
- 1992** | The Renault-Williams-ELF trio wins the 'World Champion' and 'World Champion Constructors' titles.
- 2020** | ELF starts the Signatech-Alpine-ELF Partnership.

ELF

A Brand Of Passion

RACING IS IN OUR DNA

ELF has been at the heart of motorsport success since 1968.

Similar to the sport, we revel in the thrill of pushing boundaries and breaking limits. Our involvement in motorsport competitions over the years has rooted us as key players in lubricant technology. ELF's many victories over 50 years in motorsport fuel our ambition to produce the most exceptional products and services. Together with our partners, we continue to develop more enduring, fuel-saving, and cleaner solutions.

We collaborate with top international manufacturers who share our love for racing, such as Renault, Nissan, Kawasaki and Dacia. We play a critical role in our partnership with the Alpine A470, which we have taken to the FIA World Endurance Championship and the Alpine ELF Europa Cup.

Racing, a test of endurance, requires lubricants of the highest caliber and latest standards. We test our lubricants against these harsh racing conditions to perfect them. Our customers can have confidence that ELF lubricants will awaken the full passion, adrenaline, and sensations of motorsport, in any vehicle on any road.

Our Track Record

- **156** Victories in Grand Prix
- **9** Manufacturer Titles
- **10** Pilot Titles



ELF Values

Core Values

Creating Exceptional Drive Exhilarates Us

A brand of passion

ELF has found success globally because we have stayed true to our core values. We lead every project with Passion, Expertise, and Premium, with the goal of making every drive a real moment of pleasure.

PASSION

Drawing from our passion for motorsport, we want to integrate the same excellence, adventure, and athleticism into every drive to give customers heightened experiences that stir emotions and create sensations typically felt only on a racetrack.

EXPERTISE

Fundamentally inspired by R&D, we strive to be specialists in our field by constantly anticipating, exploring, innovating, and daring to be different.

PREMIUM

We are strongly anchored in the public consciousness in many markets as a brand of status, prestige, and elegance. Our dignified and restrained approach to developing high-value products has attracted a community of driving enthusiasts.

ELF Development

ELF has dedicated lines of lubricants for cars, motorcycles and heavy-duty vehicles.

ELF products are conceived in 2 research and technical centers:

- CRES (Solaize, France)
- TCAP (Mumbai, India)



1976

PRESTI ANTI-WEAR

Launched Presti Anti-wear, the first lubricant on the market to be offered in 15W grades

1979

DETERGENT OIL

Launched the first detergent oils for diesel engines



1993

ELF COMPETITION SX 10W-30

ELF Competition SX 10W-30 the first fuel saving lubricant

2000

ELF EVOLUTION & ELF EXCELLIUM

Launched ELF Evolution, the second generation fuel-saving lubricant. ELF Excellium for recent direct injection technology engines



2004

ELF EXCELLIUM XXL

Launched ELF Excellium XLL and ELF Excellium LSX

2007

ELF SOLARIS

Launch of the low ash lubricant, ELF SOLARIS DPF



2020

THE NEW LUB PROJECT

Launched new packaging with reduced plastics and enhanced ergonomics



2013

ELF EVOLUTION

Product names reorganization from a more streamlined range

New ELF Packaging Highlights

New Cap Strategy

We are offering new, improved closures for our products using Ring Peel Liner technology for anti-counterfeit

Big Side Handle

Facilitates pouring and handling

Larger Labels

More space to display and read product information, benefits and technical details

Lighter Pack

The weight of the packaging has been reduced which will prevent the emission of 9,500 tons of CO2 equivalent each year owing to raw materials savings

QR Code

A new QR Code to allow product identification by the customer and prevent counterfeit product



Advanced Technology Lubricants

ELF has a strong expertise in lubricants and is deeply engaged in high-end cleaner lubrication for mobility.

Our competitive edge is our consistent R&D efforts towards making technical and technological innovations. That is how we can continue producing high performance and effective oils designed to protect engines.



Fuel Economy Lubricants

ELF's Fuel Economy lubricants improve vehicle and equipment performance while significantly reducing environmental impact and running costs. (i.e. lower fuel consumption, fewer CO2 emissions, more engine protection, less wear)



Low SAPS Lubricants

ELF low SAPS lubricants cater to the needs of the most up-to-date engines, enabling their depolluting systems to operate at maximum capacity to reduce environmental impact. (i.e. low levels of sulphated ash, phosphorus and sulphur (SAPS))

A brand of passion

Chapter 1:

Consumer Market



ELF EVOLUTION Range Nomenclature



EVOLUTION
300

Mineral Technology

Protection
The assurance and reliability
of an established brand



EVOLUTION
400

Mineral Technology

Protection and reliability
The assurance and reliability
of an established brand



EVOLUTION
500

Advanced Mineral Technology

Extra protection and reliability
A part of the premium range
performance for older cars



EVOLUTION
700
Synthetic-Based Technology

**Superior protection
and reliability**
Recent car models and
demanding technical
requirements



EVOLUTION
900
Synthetic Technology

**High protection and
ultimate performance**
Recent car models and
demanding technical
requirements



EVOLUTION
FULL-TECH

Synthetic Technology

**Latest generation technology
and ultimate performance**
Recent car models and
demanding technical
requirements

PREMIUM

STANDARD

Label Architecture

Sub-segments
Identification Colour

ELF Logo

Range Name

Denomination

Viscosity/Grade

Specific Characteristic
Of The Product

QR Code

Valorization Pictogram/
International Specification



ELF Logo

Range Name

Denomination

Viscosity Grade

Technology

Homologation And
International Specification

Product Description

Sub-segments
Identification Colour

Capacity



Front Label Architecture

The valorization pictograms placed in the area provided for this purpose from left to right at the bottom on the base line of capacity.





















Product information is aligned to the right with one piece of information on top of the other.

Back Label Architecture

The back of the label is composed of 3 big areas

EVOLUTION FULL-TECH PRODUCTS




Latest generation technology and ultimate performance
Recent car models and demanding technical requirements

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
 EVOLUTION FULL-TECH VCX	0W-20	Synthetic Technology	ACEA C6, C5, API SP-RC, ILSAC GF-6A,	MB-Approval 229.72, Opel/Vauxhall OV 040 1547 - A20, JLR STJLR 03-5006, FORD WSS-M2C947-B1, FORD WSS-M2C962-A1, VOLVO VCC RBSO-2AE	FIAT 9.55535-GSX CHRYSLER MS-12145	
EVOLUTION FULL-TECH VSX	0W-20	Synthetic Technology	ACEA C5, C6, API SP + RC, API SN PLUS, ILSAC GF-6	VW 508.00/509.00; PORSCHE C20, FORD WSS-M2C-956-A1		 
EVOLUTION FULL-TECH APX	0W-20	Synthetic Technology	ACEA C5, ILSAC GF-5, API SN	BMW LL17 FE+	Ford WSS-M2C952-A1	 
 EVOLUTION FULL-TECH PCX FE	0W-20	Synthetic Technology	ACEA C5 API SN-PLUS	OPEL/VAUXHALL: OV 040 1547 -A20, PSA B71 2012	FIAT 9,55535-DM1	 
EVOLUTION FULL-TECH FDX	0W-30	Synthetic Technology	ACEA C4	FORD WSS-M2C950-A, STJLR.03.5007		
EVOLUTION FULL-TECH LLX	0W-30	Synthetic Technology	ACEA C3	VW 504.00/507.00, PORSCHE C30, BMW LL-04		 
 EVOLUTION FULL-TECH PCX	0W-30	Synthetic Technology	ACEA C2	PSA B71 2312	STJLR.03.5007 Suitable for: FIAT 9.55535-GS1, FIAT 9.55535-DS1, TOYOTA	 
EVOLUTION FULL-TECH FEX	5W-20	Synthetic Technology	ACEA C5 API SN/CF	FORD WSS-M2C948-B STJLR.03.5004		
 EVOLUTION FULL-TECH PCX	5W-30	Advanced Synthetic Technology	ACEA C3 API SN PLUS	PSA B71 2290 / STELLANTIS FPW9.55535/03		
EVOLUTION FULL-TECH FE	5W-30	Synthetic Technology	ACEA C4	Renault RN0720 MB-Approval 226.51 MB-Approval 229.51	Fiat 9.55535-S4	 
EVOLUTION FULL-TECH LLX	5W-30	Synthetic Technology	ACEA C3	VW 504.00 / 507.00, PORSCHE C30, BMW LL-04, MB 229.51, (Backward compatible to MB-approval 229.31)		
EVOLUTION FULL-TECH MSX	5W-30	Synthetic Technology	ACEA C3 API SN plus/CF	BMW LL-04, MB Approval 229.52, Opel/Vauxhall OV 040 1547 - D30, Opel/Vauxhall OV 040 1547 - G30	Dexos 2 Suitable for applications requiring the specification VW 505.01 Suitable for KIA	

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
EVOLUTION FULL-TECH C4	5W-30	Synthetic Technology	ACEA C4	RENAULT RN0720, MB-Approval 226.51, MB-Approval 229.51		
EVOLUTION FULL-TECH DTX	5W-30	Synthetic Technology	ACEA C2, C3, API SN/CF	MB-approval 229.52, Opel/Vauxhall OV 040 1547 - D30	GM dexos2	
EVOLUTION FULL-TECH C2	5W-30	Synthetic Technology	ACEA C2	PSA B71 2290	Toyota	
EVOLUTION FULL-TECH DID	5W-30	Synthetic Technology	ACEA C3 API SN/CF	VW 505.00/505.01 MB-Approval 229.52	GM Dexos 2 Opel/Vauxhall OV 040 1547 - D30	
EVOLUTION FULL-TECH TDI	5W-30	Synthetic Technology	ACEA A3/B4 API SN/CF	VW 504.00/507.00, BMW LL04, MB-Approval 229.51, (Retro-applicable to MB-approval 229.31)	Meets the requirements of the main manufacturers: RENAULT, NISSAN, FORD, OPEL, SAAB, TOYOTA, FIAT, PEUGEOT, CITROEN...	
EVOLUTION FULL-TECH C3	5W-30	Synthetic Technology	ACEA C3 API SN/CF	BMW LL-04, MB-Approval 229.52, Opel/Vauxhall OV 040 1547 - D30, Opel/Vauxhall OV 040 1547 - G30	GM dexos 2 Recommended for applications where VOLKSWAGEN recommends the VW 505.01 specification	
EVOLUTION FULL-TECH LSX	5W-40	Synthetic Technology	ACEA C3 API SN/CF	VW 505.01 PORSCHE A40 MB Approval 229.51	FORD WSS-M2C 917-A, FIAT 9.55535-S2, GM Dexos 2, Opel/Vauxhall OV 040 1547 - D40 Suitable for: FIAT 9.55535-GH2	

EVOLUTION 900 PRODUCTS

High protection and ultimate performance
Recent car models and demanding technical requirements

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
EVOLUTION 900 FTX SP	0W-20 5W-30	Synthetic Technology	API SP ILSAC GF-6A			
EVOLUTION 900 FTX	0W-20 5W-20 5W-30	Synthetic Technology	API SN ILSAC GF-5			
EVOLUTION 900 FT	0W-30	Synthetic Technology	ACEA A3/B4, API SL, API CF (obsolete but can be claimed if necessary for business)	MB-Approval 229.5/3, MB-Approval 226.5, VW 502.00/505.00, RN 0700/0710, VCC 95200356, BMW LL-01		
EVOLUTION 900 FT	0W-40	Synthetic Technology	ACEA A3/B4, API SP, API CF (obsolete but can be claimed if necessary for business)	MB-Approval 229.5, MB-Approval 226.5, VW 502.00/505.00, RN 0700/0710, Ford WSS-M2C937-A, BMW LL-01		
EVOLUTION 900 SXR	5W-30	Synthetic Technology	ACEA A5/B5 API SL	RN0700, Ford WSS-M2C913-D STJLR.03.5003		
EVOLUTION 900 USX	5W-30	Synthetic Technology	API SP ILSAC GF-6A	FORD WSS-M2C-961-A1, GM DEXOS®1™ GEN 3, OPEL / VAUXHALL: OV 040 1547 - G30	CHRYSLER MS-6395 Backward compatible: GM DEXOS®1™ GEN 2 Suitable for: FIAT 9.55535-CR1	
EVOLUTION 900	5W-30	Synthetic Technology	ACEA A5/B5 API SL	RN0700, Ford WSS-M2C913-D, STJLR.03.5003		
 EVOLUTION 900 NF	5W-40	Synthetic Technology	API SN/CF ACEA A3/B4	VW 502.00 / VW 505.00 MB-Approval 229.3		
EVOLUTION 900 SXR	5W-40	Synthetic Technology	ACEA A3/B4, API SP, API CF (obsolete but can be claimed if necessary for business)	RN 0700/0710, PSA-B71 2296, MB-Approval 229.5, VW 502.00/505.00, Porsche A40, BMW LL-01	Fiat 9.55535-M2, CHRYSLER MS-12991	
EVOLUTION 900 FT	5W-40	Synthetic Technology	ACEA A3/B4, API SP, API CF (obsolete but can be claimed if necessary for business)	RN 0700/0710, PSA B71 2296, MB-Approval 229.5, VW 502.00/505.00, Porsche A40, BMW LL-01	Fiat 9.55535-M2, CHRYSLER MS-12991	
EVOLUTION 900 SP	5W-40	Synthetic Technology				
EVOLUTION 900	5W-40	Synthetic Technology	ACEA A3/B4, API SP, API CF (obsolete but can be claimed if necessary for business)	RN 0700/0710, PSA B71 2296, MB-Approval 229.5, VW 502.00/505.00, Porsche A40, BMW LL-01	Fiat 9.55535-M2 CHRYSLER MS-12991	
EVOLUTION 900 FTA	5W-40	Synthetic Technology	API SN			

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
EVOLUTION 900	5W-50	Synthetic Technology	API SG/CD			
EVOLUTION 900 FT	5W-50	Synthetic Technology	API SN			
EVOLUTION 900 RACING 1	10W-50	Synthetic Technology	API SN			

EVOLUTION 700 PRODUCTS

Superior protection and reliability
Recent car models and demanding technical requirements

EVOLUTION 700 FTX SP	5W-30	Synthetic-Based Technology	API SP ILSAC GF-6A			
EVOLUTION 700 FTX	5W-30	Synthetic-Based Technology	API SN ILSAC GF-5			
EVOLUTION 700 FT	5W-40 10W-40 15W-50	Synthetic-Based Technology	API SN			
EVOLUTION 700 DIESEL	10W-30	Synthetic-Based Technology	API CI-4			
EVOLUTION 700 DIESEL	10W-40	Synthetic-Based Technology	API CI-4, ACEA A3/B4, ACEA E7		CUMMINS: CES 20078 DAIMLER: MB-228.3, MB-229.1 MACK TRUCKS: MACK EO-N MAN M 3275 RENAULT TRUCKS RLD-2 VOLVO TRUCKS: VOLVO VDS-3	
 EVOLUTION 700	10W-40	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	RENAULT RN0700/0710 VW 501.01/505.00	MB-229.3 FIAT 9.55535-G2	
EVOLUTION 700 STI	10W-40	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	VW 501.01 / 505.00, RN 0700/0710, PSA B71 2300 (backward compatible B71 2294)	MB 229.3 FIAT 9.55535-G2	
EVOLUTION 700 TURBO DIESEL	10W-40	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	VW 501.01 / 505.00, RN 0700/0710	MB-229.3 Fiat 9.55535-G2	
EVOLUTION 700 STI-S	10W-40	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	VOLKSWAGEN VW 501.01, 505.00 RENAULT RN0700/0710, PSA B71 2300 (backward compatible B71 2294)	MB 229.3 FIAT 9.55535-G2	
EVOLUTION 700 ST	10W-40	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	VW 501.01 / 505.00 RN 0700 / 0710	MB 229.3 FIAT 9.55535-G2	
EVOLUTION 700 ST	15W-50	Synthetic-Based Technology	ACEA A3/B4 API SN/CF	VW 501.01 / 505.00 MB-Approval 229.1		

EVOLUTION 500 PRODUCTS

Extra protection and reliability
A part of the premium range performances for older cars

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
EVOLUTION 500 FTX SP	5W-20 5W-30 10W-30	Advanced Mineral Technology	API SP ILSAC GF-6A			
EVOLUTION 500 FTX	5W-30 10W-30	Advanced Mineral Technology	API SN ILSAC GF-5			
 EVOLUTION 500 FT	10W-40 15W-40 15W-50 20W-50	Advanced Mineral Technology	API SN			
EVOLUTION 500 DIESEL	10W-30 15W-40	Advanced Mineral Technology	API CH-4/SJ		Mack EO-M, MAN M 3275, MB 228.1, Volvo VDS-2	
EVOLUTION 500	15W-40	Advanced Mineral Technology	API SL /CF		MB-229.1, VW 501.01/505.00 Suitable for: Renault	
EVOLUTION 500 TS	20W-50	Advanced Mineral Technology	API SL/CF		MTR VW 501.01 / 505.00 MTR MB-229.1	

EVOLUTION 400 PRODUCTS

Protection and reliability
The assurance and reliability of an established brand

EVOLUTION 400	10W-30 15W-40 20W-50	Mineral Technology	API SL / CF			
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EVOLUTION 300 PRODUCTS

Protection
The assurance and reliability of an established brand

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
EVOLUTION 300	15W-40	Mineral Technology	API SF/CF			
EVOLUTION 300	20W-50	Mineral Technology	API SF/CD			
EVOLUTION 300 FT	15W-40 20W-50	Mineral Technology	API SJ			
EVOLUTION 300 CNG	20W-50	Mineral Technology	API SG/CD			
EVOLUTION 300 DIESEL	20W-50	Mineral Technology	API CF-4			
EVOLUTION 300 DIESEL	SAE-40	Mineral Technology	API CF			

EVOLUTION RACING PRODUCTS

 EVOLUTION RACING	10W-60	Advanced Synthetic Technology	ACEA C3 API SN, API CF	ASTON MARTIN	BMW SPORTS (M-SERIES)	
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ELF Products Dedicated To Renault



EVOLUTION
R-TECH

Specs: RN homologated
Target Sales Channel:
Renault network



EVOLUTION
FULL-TECH R

Specs: RN homologated
Target Sales Channel:
Independent Garage

EVOLUTION R-TECH

Specs: RN homologated,
Target Sales Channel: Renault network

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	FUEL ECONOMY/ LOW SAPS
 EVOLUTION R-TECH ELITE FE	0W-16	Synthetic Technology	API SP ILSAC GF-6B	RENAULT AN2022	 
EVOLUTION R-TECH ELITE FE	0W-20	Synthetic Technology	ACEA C5	RENAULT RN17 FE	 
EVOLUTION R-TECH SPORT	0W-40	Synthetic Technology	ACEA C3	RENAULT RN17 RSA, backward compatible with RN0710/RN0700 (including RS engines)	 
EVOLUTION R-TECH ELITE	5W-30	Synthetic Technology	ACEA C2, C3	RENAULT RN17 (Backward compatible with RN0710/RN0700)	
EVOLUTION R-TECH FE	5W-30	Synthetic Technology	ACEA A3/B4	RENAULT RN0720	 

EVOLUTION FULL-TECH R

Specs: RN homologated,
Target Sales Channel: Independent Garage

EVOLUTION FULL-TECH R FE	0W-20	Synthetic Technology	ACEA C5	RENAULT RN17 FE	 
EVOLUTION FULL-TECH R	5W-30	Synthetic Technology	ACEA C3, C2	RENAULT RN17 (Backward compatible with RN0710 / RN0700)	

SPORTI R

Specs: Meets the requirements of RN specs
Target Sales Channel: Auto centers, spare parts platforms, supermarkets

SPORTI R	5W-30	Synthetic Technology	ACEA C2, C3	Meets the requirements of: RENAULT RN17 (Backward compatible with RN0710 / RN0700), MB-226.52	
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ELF SPORTI Range Nomenclature



SPORTI
5
Mineral Oil

The assurance, reliability and protection of an established brand



SPORTI
7
Synthetic-Based Oil

Protection and reliability for extended drain intervals



SPORTI
9
Synthetic Oil Technology

For recent cars models demanding technical requirements, high protection

Label Architecture

Segment
Identification Colour

ELF Logo

Range Name

Denomination

Technology Used

Fuel Eco and/or Particulate
Filter Picto

Norms

Viscosity

Capacity

QR Code

Application Pictogram



elf
SPORTI
9 C2

5W-30 Synthetic technology

ACEA C2
Meets the requirements:
PSA B71 2290.

FR - Huile de technologie de synthèse. Spécialement conçue pour assurer la compatibilité avec les systèmes de post-traitement. EUI210 - Fiche de données de sécurité disponible sur demande. Importateur pour la Suisse: TOTAL OLIOSSO SA Rue des Granges, 18 Bâle, CH-4100 www.totaloil.ch. EN - Synthetic oil. Specially designed to be compatible with post-treatment systems. EUI210 - Safety data sheet available on request. NL - Synthetische technologie-olie. Speciaal samengesteld om de compatibiliteit met nabehandelingsystemen te garanderen. EUI210 - Veiligheidsinformatieblad op verzoek verkrijgbaar.

ewc 13 02 05
5L
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Designed in France - Made in EU

ELF Logo

Range Name

Denomination

Viscosity/Grade

Technology Used

Product Description

Manufacturer
Homologation

Capacity

Segment
Identification Colour













Verso Label Design

Product information is aligned to the left with one piece of information on top of the other. The valorization pictograms placed in the area provided for this purpose from left to right at the bottom of this information. In case there are no pictograms and/or homologation, the information is placed at the bottom on the baseline of the capacity.


Back Label Architecture

The back of the label is composed of 3 main areas.

SPORTI PRODUCTS

COMMERCIAL NAMES	VISCOCITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM PROFILE	FUEL ECONOMY/ LOW SAPS
SPORTI 9 LONG LIFE	5W-30	Synthetic Technology	ACEA C3 API SN / CF	VOLKSWAGEN VW 504.00 / 507.00 BMW LL-04 MERCEDES BENZ MB 229.51	
SPORTI 9 C4	5W-30	Synthetic Technology	ACEA C3	RENAULT RN0720 MERCEDES-BENZ MB229.51	 
SPORTI 9 C3	5W-40	Synthetic Technology	ACEA C3 API SN / CF	Meets the requirements of: MB-229.51, FIAT 9.55535-GH2, FIAT 9.55535-S2, FORD WSS-M2C 917-A, GM Dexos 2, VW 505.01	
SPORTI 9 C3	5W-30	Synthetic Technology	ACEA C3 API SN/CF	Meets the requirements of: GM Dexos 2 MB 229.52; BMW LL-04, M-11106, Opel OV 040 1547 - D30, Opel OV 040 1547 - G30 Suitable for: KIA	
SPORTI 9 C2/C3	5W-30	Synthetic Technology	ACEA C2 / C3	Meets the requirements of: MB-229.52, GM Dexos 2, Opel OV 040 1547 - D30	 
SPORTI 9 C2	5W-30	Synthetic Technology	API SN ILSAC GF-5 ACEA C2	GM Dexos 2 MB 229.52 Meets the requirements of: PSA B71 2290	 
SPORTI 9 C1	5W-30	Synthetic Technology	ACEA C1	Meets the requirements of: FORD WSS-M2C 934-A, WSS-M2C 934-B	 
SPORTI 9 A5/B5	5W-30	Synthetic Technology	ACEA: ACEA A5/B5 API: API SL	Meets the requirements of: FORD WSS-M2C-913-D	
SPORTI 9	5W-40	Synthetic Technology	API SN/CF ACEA A3/B4	Meets the requirements of: MB-229.3 VW 502.00/505.00 Renault RN 0700/0710	
SPORTI 9 GF6	0W-20 5W-30	Synthetic Technology	API SP ILSAC GF-6A		
SPORTI 7 A3/B4	10W-40	Synthetic-Based Technology	ACEA A3 / B4 API SL / CF	Meets the requirements of: MB-229.1, PSA B71 2294, PSA B71 2300, RN0700, VW 501.01, VW 505.00	
SPORTI 5	15W-40	Mineral Technology	API SL / CF		

SPORTI TXI PRODUCTS

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	FUEL ECONOMY/ LOW SAPS
SPORTI TXI	5W-30	Synthetic Technology	ACEA : A5/B5 API: SL/ CF		
SPORTI TXI	5W-40	Synthetic Technology	API SL/CF, ACEA A3/B4		
SPORTI TXI	10W-40	Synthetic Technology	ACEA : A3/B4 API: SL/CF		
SPORTI TXI	15W-40 20W-50	Synthetic Technology	API SL/CF		

Motorcycle Lubricant Technologies



Untreated mineral refining (group 1)

Untreated mineral refining (group 1)
Mineral refining with chemical treatment: molecule conversion (group 3)

Mineral refining with chemical treatment: molecule conversion (group 3)

Synthetic oils without mineral refining
PAO oils are produced using 100% synthetic molecules (groups 4 and 5)

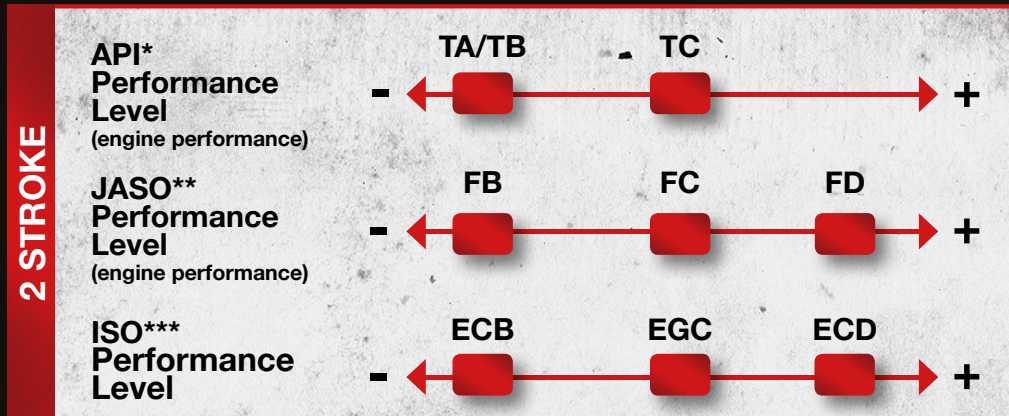
Good value for money

A high-quality lubricant, adapted to common conditions of use (short or long trips)

A very high-quality lubricant, adapted to demanding conditions of use (short or long trips)

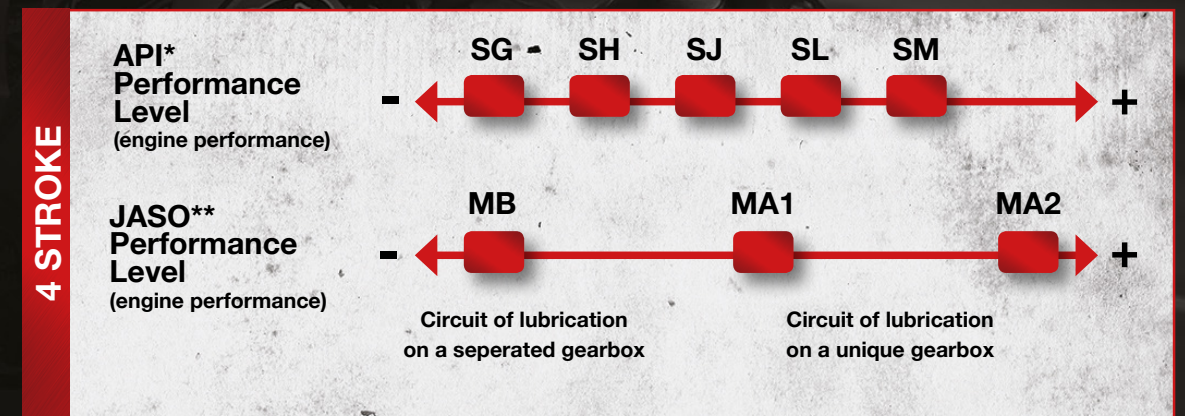
We recommend them for intensive motorcycle use and we especially recommend PAOs for competition and sports uses

Leisure Range 2/4 Strokes: API, JASO, ISO Explanation



The 2-stroke engine oils have to satisfy supplementary requirements:

Higher temperature resistance, gasoline solubility, to burn without loosening of smoke and without producing deposits; they are sorted TA, TB and TC according to their performances.



According to its performances, the oil inherits a letter after the S (for Service):

SA, SB, SH, SJ, SL...the more the letter is further away in the alphabet sequence, the better the performance!

API*

The American Petroleum Institute established a classification of oils according to several criteria as the dispersive power, the detergency power, the wear resistance or anti-oxidation and anticorrosive protection power.

JASO**

It means Japanese Automotive Standard Organisation. The JASO attributes a JASO label after analysis of the oil. When a lubricant responds successfully to all tests, the Japanese Automotive Standard Organization awards a certificate and a number of accreditations. This number has to appear on the packaging in the form of a definite logo.

ISO***

The ISO proposes an international project of specification, three categories being ISO-L-EGB, ISO-LEGC and ISO-L-EGD in increasing order of requirement.

ELF 4-Stroke Products Range Nomenclature



ELF 2-Stroke Products Range Nomenclature



Label Architecture

2-Stroke/4-Stroke Indication

- 2T (2-stroke): silver background/ white text
- 4T (4-stroke): white background/ silver text

Moto Or Scooter Visual

The illustration changes according to type of machine and utilization.

Motorcycle Colour

The colour changes according to the lubricant technology:

- **RED:** 100% Synthetic and Synthetic Technology
- **ORANGE:** Synthetic-Based
- **YELLOW:** Mineral

Scooter Colour

- **BLUE:** All scooter lubricants

Viscosity Grade

Product Name

Technology

Volume

Technology Scale

We indicate the lubricant technology with a cursor system to help customers immediately identify the product within the range and to implicitly encourage upgrading.

Use

Reassurance: a “checkbox” system indicates the types of engines for which the lubricant is intended in order to inform and reassure end users.



Moto Or Scooter Visual

Front Face Visual

Product Name

Viscosity Grade Technology Scale

Description By Country

The colour of the country name abbreviations and separating lines change depending on the lubricant technology.

JASO Standard Pictogram

The outline colour changes depending on the lubricant technology.

Volume

4-STROKE PRODUCTS MOTORCYCLE OILS



COMMERCIAL NAMES	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS
MOTO 4 RACE	10W-60	100% Synthetic	API SN, JASO MA2
MOTO 4 PRO TECH	5W-40	Synthetic Technology	API SN, JASO MA2
MOTO 4 TECH	10W-50	Synthetic Technology	API SN, JASO MA2
MOTO 4 ROAD	10W-40 15W-50	Synthetic-Based	API SN, JASO MA2
MOTO 4 TWIN TECH	20W-60	Synthetic-Based	API SN, JASO MA2
MOTO 4 CRUISE	20W-50	Premium Mineral	API SL, JASO MA2
MOTO 4 GOLD	15W-50 20W-50 20W-40	Premium Mineral	API SN, JASO MA2
MOTO 4 GOLD	10W-40 15W-40	Premium Mineral	API SL, JASO MA2
MOTO 4 PRO	10W-30 15W-40 20W-40 20W-50	Mineral	API SG, JASO MA
MOTO 4	10W-30 20W-40	Mineral	API SF

SCOOTER OILS



SCOOTER 4 MAXI CITY	5W-40	Synthetic Technology	API SL
SCOOTER 4 CITY	10W-40	Synthetic-Based	API SN, JASO MB
MOTO 4 SCOOTER	10W-30 20W-40	Premium Mineral	API SL, JASO MB

2-STROKE PRODUCTS

MOTORCYCLE OILS









COMMERCIAL NAMES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS
MOTO 2 RACE	100% Synthetic	
MOTO 2 RACING	Synthetic Technology	API TC, JASO FD
MOTO 2 TECH	Synthetic Technology	API TC, JASO FD
MOTO 2 OFF ROAD	Synthetic-Based	API TC, JASO FD
MOTO 2 TEMPS	Synthetic-Based	API TC, JASO FD
MOTO 2 SELF MIX	Premium Mineral	API TC, JASO FB

SCOOTER OILS









SCOOTER 2 STREET MAX	Synthetic Technology	API TC, JASO FD
SCOOTER 2 STREET	Synthetic-Based	API TC, JASO FD
SCOOTER 2 SELF MIX	Premium Mineral	API TC, JASO FB

BIKE CARE PRODUCTS

COMMERCIAL NAMES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	MARKETING DESCRIPTION
 <p>MOTO GEAR OIL 10W-40</p>	<p>Synthetic-Based</p>	<p>API SJ</p>	<p>Synthetic-Based oil specially developed for gearboxes on 2-stroke motorcycles. It provides enhanced protection for gearboxes and optimum safety when changing gears.</p>
 <p>MOTO FORK OIL SYN 2</p>	<p>100% Synthetic</p>		<p>100% synthetic oil for forks and shock absorbers, it provides for maximum safety even under severe usage. Suitable for road and all-terrain motorcycles.</p>
 <p>MOTO GEAR OIL 80W-90</p>	<p>Mineral</p>	<p>API GL 5</p>	<p>Mineral Oil specially developed for the gearboxes of 4-stroke motorcycles, it provides optimum safety when changing gears.</p>
 <p>MOTO FORK OIL</p>	<p>Mineral</p>		<p>Mineral oil for motorcycle forks and shock absorbers. It ensures optimum safety for the suspension system of road and all-terrain motorcycles.</p>
 <p>MOTO COOLANT ORGANIC</p>	<p>Organic</p>	<p>AFNOR NFR 15-601, ATSM D3306, BS 6580</p>	<p>100% organic cooling liquid, exceptional anti-corrosion protection for light alloy circuits (aluminium, magnesium...). Protection for all parts of the cooling system, down to -26°C. Non-aggressive.</p>
 <p>MOTO COOLANT MINERAL</p>	<p>Mineral</p>	<p>AFNOR NFR 15-601, BS 6580</p>	<p>Mineral cooling fluid. Optimum protection of the circuits, prevents corrosion in the sump in order to ensure engine longevity. Protection against freezing down to -26°C. Does not damage paint in case of contact.</p>
 <p>MOTO BRAKE FLUID DOT 5.1</p>	<p>100% Synthetic</p>	<p>FMVSS 116 DOT 5.1</p>	<p>Very high-performance synthetic brake fluid. Silicone-free, for all braking systems, it ensures optimum safety. Can be mixed with all other synthetic liquids of a chemical nature of type dot 3, dot 4 and dot 5.1, with the exception of dot 5 fluids with silicone and special liquids of the LHM type.</p>
 <p>MOTO BRAKE FLUID DOT 4</p>	<p>100% Synthetic</p>	<p>FMVSS 166 DOT 4</p>	<p>High-performance brake fluid, Stable and non-compressible at all temperatures, it ensures optimum safety. Can be mixed with all other synthetic liquids of a chemical nature of type dot 3, dot 4 and dot 5.1, with the exception of dot 5 fluids with silicone and special liquids of the LHM type.</p>

BIKE CARE PRODUCTS

COMMERCIAL NAMES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	MARKETING DESCRIPTION
 <p>MOTO AIR FILTER OIL</p>	<p>Blue Colour</p>		<p>Penetrating oil for foam air filters. It has been specially developed to reduce the risks of breakdown and to extend engine life. Blue in colour.</p>
 <p>MOTO CHAIN LUBE</p>	<p>Spray</p>		<p>Very high performance grease for transmission chains. Its formulation has been specially developed in order to ensure optimum lubrication under the most severe usage conditions. Successfully tested during Motorcycle Grand Prix races and Rally Raids.</p>
 <p>MOTO MULTILUBE+</p>	<p>Spray</p>		<p>Multi-function aerosol. Lubricates, cleans and protects all of your motorcycle's vital components.</p>
 <p>MOTO CHAIN PASTE</p>	<p>Paste</p>		<p>New generation extreme pressure grease for engine chains. Water-resistant, it provides for exceptional lubrication, even under the most severe usage conditions.</p>
 <p>MOTO DEGREASER+</p>	<p>Spray</p>		<p>Dry cleaner for brakes, carburetors, spark plugs and metallic surfaces. Multi-usage grease remover and cleaner for all motorcycle parts. Quickly removes grease, leaving no residue. Practical spray for reaching the most inaccessible places. Pressure spray in order to dislodge even the stickiest grime.</p>
 <p>MOTO SPRAY SILICONE</p>	<p>Spray</p>		<p>Special aerosol product to be used for the maintenance of the motorcycle. It protects all metal, leather and plastic parts of the bike leaving a lustrous shine. It is transparent and extremely water repellent.</p>

HTX Classic Cars Range



HTX PRESTIGE
20W-50

Mineral Technology Engine Oil
API SF

Suitable for old and young classic cars.



HTX CHRONO
10W-60

Synthetic Technology Engine Oil
API SL

Suitable for old and young racing classic cars. For drivers willing to go on circuits.



HTX PRESTIGE
SAE 40

Mineral Technology Engine Oil
API SB

Suitable for old and young classic cars.



HTX COLLECTION
20W-50

Mineral Technology Engine Oil
API SL

Suitable for old and young classic cars.

HTX COMPETITION Range Nomenclature



4-STROKES



HTX 830
HTX 840
HTX 850
HTX 860



HTX 3820
HTX 3830
HTX 3835

2-STROKES



HTX 909
HTX 976+

TRANSMISSION










HTX 725
HTX 735
HTX 740

BRAKE FLUID



HTX 320

HTX RACING 4-STROKES

COMMERCIAL NAMES	VISCOCITY GRADES	TECHNOLOGY	APPLICATION
HTX 830	0W-30	100% Synthetic For Racing	
HTX 840	0W-40	100% Synthetic For Racing	
HTX 850	5W-50	100% Synthetic For Racing	
HTX 860	10W-60	100% Synthetic For Racing	
HTX 3820	0W-20	100% Synthetic For Racing	
HTX 3830	0W-30	100% Synthetic For Racing	
HTX 3835	5W-30	100% Synthetic For Racing	

HTX RACING 2-STROKES

HTX 909	SAE 50	100% Synthetic For Racing	 
HTX 976+	SAE 50	100% Synthetic For Racing	 

HTX RACING GEARBOX OIL

HTX 725	75W-80	100% Synthetic For Racing	
HTX 735	75W-90	100% Synthetic For Racing	
HTX 740	75W	100% Synthetic For Racing	
HTX 755	80W-140	100% Synthetic For Racing	

HTX RACING MAINTENANCE PRODUCTS

HTX 320 DOT 4		100% Synthetic For Racing	BRAKE FLUID
HTX COOLANT CI		100% Synthetic For Racing	COOLANT
HTX 420			GREASE



Chapter 2:

Professional Market

ELF PERFORMANCE PRO Range Nomenclature



PERFORMANCE PRO
700

Designed to meet demanding lubrication requirements for turbocharged engines



PERFORMANCE PRO
800

High-performance synthetic technology standard SAPS oil, outperforming ACEA E4



PERFORMANCE PRO
900

Synthetic technology surpassing the most severe ACEA E6 specification



PERFORMANCE PRO
1000

Performances exceeding the latest, most demanding API CK-4 Low SAPS specification

ELF PERFORMANCE PRO engine oils are tested and approved by major Heavy Vehicle Manufacturers (Original Equipment Manufacturers – OEMs). These product approvals are the guarantee certificates proving that ELF PERFORMANCE PRO products are 100% compatible with the engine technology of the related manufacturers.

ELF PERFO HDX

Range Nomenclature

ELF PERFO HDX products exceed the performance standards defined by American Petroleum Institute (API) and European Automobile Manufacturers' Association (ACEA) and meet the requirements of major Heavy Vehicle Manufacturers.

Recommended for turbocharged or naturally aspirated diesel engines of commercial vehicles. Excellent oxidation resistance thanks to its high TBN content, guaranteeing efficient engine protection even in the presence of high sulphur fuels.

PERFO HDX 100

Monograde quality oils suitable for light to medium-loaded turbocharged and naturally aspirated diesel engines of commercial vehicles, construction machineries and agricultural equipment, where API CD is recommended.

PERFO HDX 200

Multigrade and monograde quality oils suitable for all turbocharged or naturally aspirated diesel engines of commercial vehicles, construction machineries and agricultural equipment requiring API CF performance.

PERFO HDX 300

Suited for all heavy-duty vehicles operating under severe service conditions, where API CF-4/SG compliance is required.

PERFO HDX 400

Recommended for all turbocharged or naturally aspirated diesel engines of commercial vehicles, public works and agricultural equipments requiring API CG-4 performance.

PERFO HDX 500

Premium engine oil designed to comply with EURO 2 or EURO 3 engine requirements.



Label Architecture



Sub-segments
Identification Colour

ELF Logo

Range Name

Denomination

Viscosity/Grade

Specific Characteristic
Of The Product

QR Code

Valorization
Pictogram/International
Specifications



ELF Logo

Range Name

Denomination

Viscosity Grade

Homologation
And International
Specification

Product Description

Capacity

Front Label Architecture

The valorization pictograms placed in the area provided for this purpose from left to right at the bottom on the base line of capacity. Product information is aligned to the right with one piece of information on top of the other.

Back Label Architecture

The back of the label is composed of 3 big areas

PERFORMANCE PRO HEAVY DUTY PRODUCTS

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
 PERFORMANCE PRO 2000	10W-30	Synthetic Based Technology	ACEA E6, E7, E8, E9, E11 API CK-4/CJ-4/CI-4 plus/CI-4/C	DTFR 15C110 (228.51), DTFR 15C120 (228.52) Cummins CES 20086 Renault Trucks RLD-3, Volvo VDS-4.5, Mack EOS-4.5 DDC DFS 93K222 (for 10W-40 only)	DAF DDC DFS 93K222 MAN M 3477/M 3271-1	 
 PERFORMANCE PRO 2000	10W-40	Synthetic Based Technology	ACEA E6, E7, E8, E9, E11 API CK-4/CJ-4/CI-4 plus/CI-4/CH-4	DTFR 15C110 (228.51), DTFR 15C120 (228.52) Cummins CES 20086 Renault Trucks RLD-3, Volvo VDS-4.5, Mack EOS-4.5 DDC DFS 93K222 (for 10W-40 only)	DAF MAN M 3477/M 3271-1	
PERFORMANCE PRO 1000	10W-30	Synthetic Based Technology	ACEA E7, ACEA E9, ACEA E6, ACEA E8, ACEA E11 API CH-4, API CI-4, API CI-4 PLUS, API CJ-4, API CK-4	CUMMINS: CES 20086 DAIMLER TRUCK: DTFR 15C100 (228.31) DETROIT Diesel Corporation: DETROIT DIESEL 93K222 FORD WSS-M2C-171-F1 MACK TRUCKS: MACK EOS-4.5 RENAULT TRUCKS: RENAULT TRUCKS RLD-3 VOLVO TRUCKS: VOLVO VDS-4.5	DAF PSQL 2.1E IVECO	 
PERFORMANCE PRO 1000	15W-40	Mineral Technology	ACEA E7, ACEA E9, ACEA E4, ACEA E6, ACEA E8, ACEA E11 API CH-4, API CI-4, API CI-4 PLUS, API CJ-4, API CK-4, API SN	CUMMINS: CES 20086 DAIMLER TRUCK: DTFR 15C100 (228.31) DETROIT Diesel Corporation: DETROIT DIESEL 93K222 FORD WSS-M2C-171-F1 MACK TRUCKS: MACK EOS-4.5 RENAULT TRUCKS RLD-3 VOLVO TRUCKS: VOLVO VDS-4.5	DAF IVECO	
PERFORMANCE PRO 900	10W-40	Synthetic Based Technology	ACEA E7, ACEA E9 API CH-4, API CI-4, API CJ-4	DAIMLER: MB-APPROVAL 228.51 MACK TRUCKS: MACK EO-O PREMIUM PLUS RENAULT TRUCKS RLD-3 VOLVO TRUCKS: VOLVO VDS-4	CUMMINS: CES 20081 IVECO TLS E9 MAN M 3271-1, MAN M 3477 Suitable for: DAF MAN: SEMT PIELSTICK	
PERFORMANCE PRO 800	10W-40	Synthetic Based Technology	ACEA E4, ACEA E7 API CF	DAIMLER TRUCK: DTFR 15B120 (228.5) MACK TRUCKS: MACK EO-N MAN M 3277 RENAULT TRUCKS RXD, RENAULT TRUCKS RLD-2 SCANIA LDF-3 VOLVO TRUCKS: VOLVO VDS-3 ZF TE-ML 23	Suitable for: DAF: DAF IVECO: FPT T3 E4 VOITH: VOITH OIL CLASS A	
PERFORMANCE PRO 700	15W-40	Mineral Technology	ACEA E7 API CH-4, API CI-4, API SL JASO DH-1	CUMMINS: CES 20078 DAIMLER TRUCK: DTFR 15B110 (228.3) MACK TRUCKS: MACK EO-N RENAULT TRUCKS RLD-2 VOLVO TRUCKS: VOLVO VDS-3	CATERPILLAR: CAT ECF-1-a ISUZU MAN M 3275 Suitable for: DAF IVECO SCANIA	

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
PERFORMANCE PRO 700	20W-40	Mineral Technology	ACEA E7 API CH-4, API CI-4, API SL	DAIMLER: MB-APPROVAL 228.3	CATERPILLAR: CAT ECF-1-a MAN: MAN M 3275 Suitable for: CUMMINS: CES 20078 DAF ISUZU IVECO MACK TRUCKS: MACK EO-N RENAULT TRUCKS RLD-2 SCANIA VOLVO TRUCKS: VOLVO VDS-3	

PERFO HDX HEAVY DUTY PRODUCTS

PERFO HDX 900	10W-40	Mineral Technology	API CJ-4			
PERFO HDX 700	10W-30	Mineral Technology	API CI-4	DEUTZ DQC II-18 MACK TRUCKS: MACK EO-M RENAULT TRUCKS RD, RENAULT TRUCKS RD-2 VOLVO TRUCKS: VOLVO VDS-2		
PERFO HDX 700	15W-40	Mineral Technology	API CI-4		CAT ECF-1; DEUTZ DQC III-18; MACK EO-M; MAN M 3275; RENAULT TRUCKS RD/RENAULT TRUCKS RD-2; VOLVO VDS-2; ZF TE-ML 07D	
PERFO HDX 700	20W-50	Mineral Technology	API CI-4			
PERFO HDX 500	10W-30	Mineral Technology	API GH-4, API SJ	CATERPILLAR: CAT ECF-1 DEUTZ DQC II-10 ZF TE-ML 07D	DAIMLER: MB-228.1 MACK TRUCKS: MACK EO-M MAN M 3275 RENAULT TRUCKS RD, RENAULT TRUCKS RD-2 VOLVO TRUCKS: VOLVO VDS-2	
PERFO HDX 500	15W-40	Mineral Technology	API CH-4, API SJ		DAIMLER: MB-228.1 MACK TRUCKS: MACK EO-M MAN M 3275 RENAULT TRUCKS RD, RENAULT TRUCKS RLD-2 VOLVO TRUCKS: VOLVO VDS-2	
PERFO HDX 500	20W-50	Mineral Technology	API CH-4, API SJ	DEUTZ DQC II-10	DAIMLER: MB-228.1 MACK TRUCKS: MACK EO-M MAN M 3275 RENAULT TRUCKS RD, RENAULT TRUCKS RLD-2 VOLVO TRUCKS: VOLVO VDS-2	

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
PERFO HDX 400	15W-40	Mineral Technology	API CG-4, API SH	DEUTZ DQC II-05 ZF TE-ML 07D	DAIMLER: MB-228.1 MACK TRUCKS: MACK EO-L MAN 271 VOLVO TRUCKS: VOLVO VDS	
PERFO HDX 400	20W-50	Mineral Technology	API CG-4, API SH	DEUTZ DQC II-05	DAIMLER: MB-228.1 MACK TRUCKS: MACK EO-L MAN 271 VOLVO TRUCKS: VOLVO VDS	
PERFO HDX 300	15W-40	Mineral Technology	API CF-4, API SG	DEUTZ DQC I-02 ZF TE-ML 07D	DAIMLER: MB-228.1 MAN 271 VOLVO TRUCKS: VOLVO VDS	
PERFO HDX 300	15W-50	Mineral Technology	API CF-4, API SG	DEUTZ DQC I-02	DAIMLER: MB-228.1 MAN 271 VOLVO TRUCKS: VOLVO VDS	
PERFO HDX 300	20W-50	Mineral Technology	API CF-4, API SG	DEUTZ DQC I-02	DAIMLER: MB-228.1 MAN: MAN 271 VOLVO TRUCKS: VOLVO VDS	
PERFO HDX 200	15W-40 20W-40 20W-50	Mineral Technology	API CF, API SF			
PERFO HDX 200	10W-30 10W-40 10W-50	Mineral Technology	API CF, API SF			
PERFO HDX 200	SAE SAE 30 SAE 40 SAE 10W 30/40/50	Mineral Technology	API CF, API SF			
PERFO HDX 100	SAE 50	Mineral Technology	API CD			

AGRITEC HEAVY DUTY PRODUCTS

COMMERCIAL NAME	VISCOSITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	SUITABLE FOR
AGRITEC NG2 FE	5W-30	Synthetic Technology	ACEA E4, ACEA E7, ACEA E8, ACEA E11 API CK-4	DAIMLER TRUCK: DTFR 15C110 (228.51), DTFR 15C120 (228.52) DEUTZ DQC IV-18 LA, TTCD MAN M 3677, MAN M 3775 VOLVO TRUCKS: VOLVO VDS-4.5	CASE NEW HOLLAND: CNH MAT 3521 CATERPILLAR: CAT ECF-1-a, CAT ECF-2, CAT ECF-3 CUMMINS: CES 20086 IVECO TLS E6	CASE NEW HOLLAND CLAAS FENDT JOHN DEERE JDQ 78X MASSEY FERGUSON McCORMICK SAME VALTRA CASE NEW HOLLAND: NEW HOLLAND TVT
AGRITEC FE	10W-30	Synthetic Technology	API CI-4, API SL, ACEA E7	CUMMINS: CES 20078 DAIMLER: MB-APPROVAL 228.3 DAIMLER TRUCK: DTFR 15B110 DEUTZ DQC III-10	CASE NEW HOLLAND: CASE MS1121, CNH MAT 3507, NH 330H CATERPILLAR: CAT ECF-2, CAT ECF-1-a CUMMINS: CES 20076, CES 20077 MAN M 3275	IVECO: FPT T2 E7 JOHN DEERE JDQ 78A VOLVO TRUCKS: VOLVO VDS-3
AGRITEC ZS FE	10W-30	Synthetic Technology	ACEA E7, ACEA E11, ACEA E9. API CK-4	CUMMINS: CES 20086 DAIMLER TRUCK: DTFR 15C100 (228.31) DEUTZ DQC III-18 LA VOLVO TRUCKS: VOLVO VDS-4.5	CATERPILLAR: CAT ECF-3, CAT ECF-2, CAT ECF-1-a	JOHN DEERE JDQ 78X MAN M 3775
AGRITEC NG2	10W-40	Synthetic Technology	ACEA E4, ACEA E7, ACEA E8, ACEA E11 API CK-4	CUMMINS: CES 20086 DAIMLER: MB-APPROVAL 228.51, MB-APPROVAL 228.52 DAIMLER TRUCK: DTFR 15C110, DTFR 15C120 DEUTZ DQC IV-18 LA MAN M 3775 VOLVO TRUCKS: VOLVO VDS-4.5	CATERPILLAR: CAT ECF-1-a, CAT ECF-2, CAT ECF-3 DEUTZ: TTCD MAN M 3477	CASE NEW HOLLAND: CASE NEW HOLLAND, CNH MAT 3521, CNH MAT 3571 CLAAS FENDT IVECO TLS E9, IVECO FPT TLS CK4 JOHN DEERE JDQ 78X MASSEY FERGUSON McCORMICK SAME VALTRA
AGRITEC MO	15W-40	Synthetic Technology	API CF-4, API SF US MIL LUBRICANT: MIL-L-2104 E		DAIMLER: MB-228.1 DEUTZ DQC I-02 MAN 271	
AGRITEC	15W-40	Synthetic Technology	API CI-4, API SL, ACEA E7	CUMMINS: CES 20078 DAIMLER: MB-APPROVAL 228.3 DAIMLER TRUCK: DTFR 15B110 DEUTZ DQC III-10	CASE NEW HOLLAND: CASE MS1121, CNH MAT 3507, NH 330H CATERPILLAR: CAT ECF-2, CAT ECF-1-a CUMMINS: CES 20076, CES 20077 MAN M 3275	IVECO: FPT T2 E7 JOHN DEERE JDQ 78A VOLVO TRUCKS: VOLVO VDS-3



Chapter 3:

Cross Category

Transmission Oil Range Nomenclature

ON-ROAD APPLICATION

OFF-ROAD APPLICATION



ELFMATIC

Automatic Transmission Fluid



TRANSELF

Manual Transmission Fluid
(PREMIUM)



GEARELF





Manual Transmission Fluid
(STANDARD)



TRACTELF

Universal Tractor Transmission
Oil (UTTO)

MANUAL TRANSMISSION TRANSELF PRODUCTS

COMMERCIAL NAME	VISCOSITY GRADES	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	FUEL ECONOMY/ LOW SAPS
TRANSELF NFX	SAE 75W	API GL-4+	RENAULT PXX TRANSMISSION, RENAULT SX TRANSMISSION, RENAULT JXX TRANSMISSION, RENAULT TLX TRANSMISSION, RENAULT NDX TRANSMISSION, RENAULT NDK1 TRANSMISSION, RENAULT DBx TRANSMISSION		
TRANSELF NFJ	75W-80	API GL-4	RENAULT JXX TRANSMISSION, RENAULT NDX TRANSMISSION, RENAULT TL4 TRANSMISSION		
TRANSELF NFP	75W-80		GM 1940711 (P/N: 9163335) Approved: NISSAN: P TRANSMISSION RENAULT: RENAULT JXX TRANSMISSION, RENAULT NDX TRANSMISSION, RENAULT PXX TRANSMISSION, RENAULT TLX TRANSMISSION, RENAULT TL4 TRANSMISSION		
TRANSELF TYPE B	75W-80	API GL-4	PSA B71 2330		
TRANSELF LD	75W-80	API GL-4	MAN 341 TYPE Z4 ZF TE-ML 01L, ZF TE-ML 02L, ZF TE-ML 16K	VOLVO TRUCKS: VOLVO 97307, MAN 341 TYPE E3	
TRANSELF SYN FE	75W-90	API GL-4, API GL-5, API MT-1 SAE J2360 US MIL LUBRICANT: MIL-L-2105 D, MIL-PRF-2105 E	MACK TRUCKS: MACK GO-J PLUS MAN 341 TYPE Z2, MAN 342 TYPE S1 SCANIA STO 1:0 VOLVO TRUCKS: VOLVO 97312 ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12N, ZF TE-ML 16F, ZF TE-ML 17B, ZF TE-ML 19C, ZF TE-ML 21A	DAF DAIMLER: MB-235.8 IVECO DAIMLER: MERCEDES	
TRANSELF SYN FE	75W-140	API GL-5	SCANIA STO 1:0		
TRANSELF EP	80W	API GL-4	DAIMLER: MB-APPROVAL 235.1 ZF TE-ML 17A		
TRANSELF EP	80W-90	API GL-4	DAIMLER TRUCK: DTFR 13B100 (235.1) ZF TE-ML 16A, ZF TE-ML 17A, ZF TE-ML 19A	MAN 341 TYPE E1	
TRANSELF UNIVERSAL FE	80W-90	API GL-4, API GL-5, API MT-1	ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12M, ZF TE-ML 16B, ZF TE-ML 17H, ZF TE-ML 19B, ZF TE-ML 21A SCANIA STO 1:0, SCANIA STO 1:1 G VOLVO TRUCKS: VOLVO 97321 MAN 341 TYPE GA-1, MAN 342 TYPE M2 IVECO RAM1 Meritor O-76D / Mack GO-J	MAN 341 TYPE E2	

COMMERCIAL NAME	VISCOSITY GRADES	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIEREMENT OF	FUEL ECONOMY/ LOW SAPS
TRANSELF TYPE B	80W-90	API GL-5	MAN 342 TYPE M2 ZF TE-ML 12E, ZF TE-ML 17B, ZF TE-ML 19B		
TRANSELF TYPE B	80W-140	API GL-5	ZF TE-ML 05A, ZF TE-ML 12E, ZF TE-ML 16D, ZF TE-ML 21A ; IVECO RAM2		
TRANSELF TYPE B	90	API GL-5	DAIMLER: MB-APPROVAL 235.0 ZF TE-ML 16C, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A		



MANUAL TRANSMISSION GEARELF PRODUCTS

GEARELF 4	85W-90 85W-140 SAE 90 SAE 140	API GL-4			
GEARELF 5	75W-90 80W-90 85W-140 SAE 140	API GL-5			
GEARELF 5	SAE 90	API GL-5 US MIL LUBRICANT: MIL-L-2105 D			



AUTOMATIC TRANSMISSION ELFMATIC PRODUCTS

COMMERCIAL NAME	APPLICATION	OEM APPROVALS	MEETS THE REQUIREMENT OF	SUITABLE FOR
ELFMATIC G3 SYN	Heavy Duty	MAN 339 TYPE V1, MAN 339 TYPE Z2 VOITH H55.6335.xx ZF TE-ML 04D, ZF TE-ML 14B	FORD MERCON® GM DEXRON® III-G VAG: VW TL 052 162	ALLISON: ALLISON C-4 DAIMLER: MB-236.11 PSA P/C AL4, PSA P/C 4HP20 ZF TE-ML 11B
ELFMATIC D2	Heavy Duty	DAIMLER TRUCK: DTFR 13C170 (236.9) MAN 339 TYPE V1, MAN 339 TYPE Z1 VOITH H55.6335.xx VOLVO 97341 (AT101) ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C	FORD MERCON® GM DEXRON® II-D ALLISON C-4 Volvo 97340 Bosch TE ML 09	MB 236.2, MB 236.5, MB 236.6, MB 236.7, MB 236.8, MB 236.10 Volvo 97325, Volvo 97335, Volvo 97337 ZF TE-ML 05L, ZF TE-ML 11, ZF TE-ML 21L
ELFMATIC G3	Heavy Duty	DAIMLER TRUCK: DTFR 13C170 (236.9), DANA-OHTM-ATF MAN 339 TYPE V1, MAN 339 TYPE Z1 VOITH H55.6335.xx VOLVO 97341 (AT101) ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C	FORD MERCON® DEXRON III G, DEXRON III H ALLISON C-4 Volvo 97340; Bosch TE ML 09	MB 236.2, MB 236.5, MB 236.6, MB 236.7, MB 236.8, MB 236.10 Volvo 97325, Volvo 97335, Volvo 97338 GM DEXRON® II-D, GM TASA ZF TE-ML 05L, ZF TE-ML 11, ZF TE-ML 21L
ELFMATIC CVT MV	PC / LCV - Multi vehicles			BMW P/N 83 22 0 136 376, BMW P/N 83 22 0 429 154, BMW P/N ZF CVT V1 FORD P/C CFT23, FORD P/C CFT30; VAG: VW G 052 180, VW G 052 516; Chrysler NS-2, Chrysler CVT+4 ; GM DEX-CVT; HONDA HMMF, HONDA HCF2, HONDA Z-1, HONDA CVT HYUNDAI SP-CVT1, HYUNDAI SP III-CVT, HYUNDAI P/N HY0450000A61
ELFMATIC MV LV	PC / LCV - Multi vehicles			JASO M315-1A LV 0 AISIN WARNER JWS 3324, AISIN WARNER AW-1 BMW P/N 83 22 0 142 516; BMW P/N 83 22 0 397 114; BMW P/N 83 22 2 152 426; BMW P/N 83 22 2 163 514; BMW P/N 83 22 2 289 720; BMW P/N 83 22 2 305 397; BMW P/N 83 22 2 355 599 VW G 052 533, VW G 055 005, VW G 055 540, VW G 060 162 Chrysler P/N 05127382AA, Chrysler P/N 68043742AA, Chrysler P/N 68157995AA, Chrysler P/N 68157995AB, Chrysler P/N 68218925AA FORD Mercon LV, FORD WSS-M2C938-A (Mercon LV), FORD Mercon SP, FORD P/N XT-6-QSP, FORD P/N XT-6-DSP, FORD P/N XT-10-QLV; GM Dexron® VI, GM P/N 88863400, GM P/N 88863401, GM P/N 12378515; HONDA DW-1, HONDA ATF Type 3.0, HONDA ATF Type 3.1 HYUNDAI SP-IV, HYUNDAI SPH-IV, HYUNDAI SP-IV-M, HYUNDAI SP-IV-RR, HYUNDAI NWS-9638 T-5, HYUNDAI P/N 040000C90SG JLR P/N 02JDE 26444, JLR P/N Fluid 8432, JLR P/N LR023288, JLR P/N LR023289, JLR P/N TYK500050, JLR P/N LR0022460 [LV] MAZDA FW 6A EL, MAZDA FW 6AX EL, MAZDA FZ MB 236.12, MB 236.14, MB 236.15, MB 236.17, MB 236.41 MITSUBISHI ATF J-3, MITSUBISHI ATF PA, MITSUBISHI SP-IV PORSCHE P/N 000 043 304 00 NISSAN Matic S, NISSAN Matic W TOYOTA TYPE WS VOLVO P/N 31256774, VOLVO P/N 31256775 ZF P/N Lifeguardfluid 6, ZF P/N Lifeguardfluid 8, ZF P/N Lifeguardfluid 9

COMMERCIAL NAME	APPLICATION	OEM APPROVALS	MEETS THE REQUIREMENT OF	SUITABLE FOR
ELFMATIC MV	PC / LCV - Multi vehicles			JASO M315-1A AISIN WARNER JWS 3309, AISIN WARNER JWS 3317 ALLISON C4 (TES-228), ALLISON TES 295, ALLISON TES 389 BMW P/N 81 22 9 400 272, BMW P/N 81 22 9 400 275, BMW P/N 81 22 9 407 858, BMW P/N 81 22 9 407 859, BMW P/N 83 22 0 024 249, BMW P/N 83 22 0 024 359, BMW P/N 83 22 0 026 922, BMW P/N 83 22 0 402 413, BMW P/N 83 22 0 403 248, BMW P/N 83 22 7 542 290, BMW P/N 83 22 9 407 76, BMW P/N 83 22 9 407 807 VW G 052 025, VW G 052 055, VW G 052 162, VW G 052 990, VW G 055 025, VW G US 000 162 Chrysler ATF +, Chrysler ATF +2, Chrysler ATF +3, Chrysler ATF +4 FORD Mercon, FORD Mercon V, FORD WSS-M2C919-E (Mercon V), FORD WSS-M2C-922-A1, FORD P/N XT-2-QDX [M], FORD P/N XT-2-QSM [Syn], FORD P/N XT-5-QM, FORD P/N XT-5-DM [V], FORD P/N XT-8-QAW [Premium], FORD P/N XT-9-QMM5 [FNR5] GM TASA, GM Dexron® II, GM Dexron® IID, GM Dexron® IIE, GM Dexron® IIIG, GM Dexron® IIH, GM P/N 12378515, GM P/N 1940700, GM P/N 1940767, GM P/N 21005966, GM P/N 22717466, GM P/N 88900925, GM P/N 9986195 HONDA ATF-Z1 (except CVT) HYUNDAI SP-II, HYUNDAI SP-III, HYUNDAI P/N UM040 CH20 Red-1 JLR P/N JLM 20238, JLR P/N JLM 20292, JLR P/N JLM 21044; MAZDA ATF F-1, MAZDA ATF M-V, MAZDA ATF M-III, MAZDA ATF Type T-IV, MAZDA P/N XT-9-QMM5 MAN 339A MB 236.5, MB 236.6H, MB 236.7, MB 236.8, MB 236.9, MB 236.91, MB 236.10, MB 236.11 MITSUBISHI ATF SP (P/N MS991156), MITSUBISHI ATF SP-II, MITSUBISHI ATF SP-III PORSCHE P/N 000 043 204 41, PORSCHE P/N 000 043 205 09; PORSCHE P/N 000 043 205 28; PORSCHE P/N 999 917 547 00 (A2) PSA: P/N Z 000169756 NISSAN Matic D, NISSAN Matic D2, NISSAN Matic J, NISSAN Matic K, NISSAN P/N 402 SUBARU P/N K0140Y0700 SUZUKI ATF 3314, SUZUKI ATF 3317 TOYOTA TYPE D-II, TOYOTA TYPE T, TOYOTA TYPE T-III, TOYOTA TYPE T-IV VOLVO 97341, VOLVO P/N 1161521, VOLVO P/N 1161540, VOLVO P/N 1161640 ZF TE-ML 11A, ZF TE-ML 11B
ELFMATIC DIII MV	PC / LCV - Multi vehicles			Allison C4 (TES-228) Mercon Dexron® IIIG / IIH
ELFMATIC DII MV	PC / LCV - Multi vehicles			Mercon Dexron® IID
ELFMATIC CVT	PC / LCV - Multi vehicles		RENAULT CVT-CK, RENAULT CVT-DK, RENAULT CVT-FK	
ELFMATIC J6	PC / LCV - Multi vehicles		RENAULT AJ0 AND AJ8 AUTO- MATIC TRANSMISSIONS	
ELFMATIC DCT MV	PC / LCV - Multi vehicles			BMW P/N 83 22 2 148 578, BMW P/N 83 22 2 148 579, BMW P/N 83 22 0 440 214, BMW P/N 83 22 2 147 477 DAIMLER: MB P/C F-DCT350, MB P/C F-DCT500 FORD P/C 6DCT450, FORD P/C 6DCT451, FORD P/C 7DCT300 MITSUBISHI P/C 6DCT470 PORSCHE P/C 7DT45HL, PORSCHE P/C 7DT45HLA, PORSCHE P/C 7DT45FL, PORSCHE P/C 7DFL, PORSCHE P/C 7DT70HLA, PORSCHE P/C 7DT75, PORSCHE P/C 7DT75A PSA P/C 6DCT451 VAG: VW P/C DQ250, VW P/C DQ500, VW P/C DL501, VW G 055 529 VOLVO CARS: VOLVO P/N 116 1838, VOLVO P/N 116 1839, VOLVO P/C 6DCT450 RENAULT P/C DW6 DAIMLER: MB-APPROVAL 236.21 FORD WSS-M2C-936-A VAG: VW TL 052 182, VW TL 052 529

COMMERCIAL NAME	APPLICATION	OEM APPROVALS	MEETS THE REQUIREMENT OF	SUITABLE FOR
 ELFMATIC DCT1	PC / LCV - Multi vehicles	DAIMLER: MB-APPROVAL 239.22 FORD WSS-M2C-218-A2 MAGNA / GETRAG: 7DCT300 RENAULT DW5	DAIMLER: MB-239.21, MB P/N 7DCT300	BMW P/N 83 22 2 433 157, BMW P/N 7DCT300 CHRYSLER: FCA P/N 7DCT300 FORD WSS-M2C-218-A1, FORD P/C 7DCT300
 ELFMATIC DVI MV	PC / LCV - Multi vehicles	JASO M315-1A, JASO M315-1A LV, JASO M315-2A	FORD MERCON® LV, FORD WSS-M2C-938-A	FIAT 9.55550-AV5 AISIN WARNER: JWS 3324, AW-1, JWS 3309, AW-2 ALLISON C-3, ALLISON C-4 BENTLEY P/N PY112995PA BMW P/N LA2634, BMW P/N LT71141, BMW P/N ETL 7045E, BMW P/N ETL 8072B, BMW P/N 83 22 0 142 516, MINI COOPER T-IV CHRYSLER ATF +, CHRYSLER ATF +2, CHRYSLER ATF +3, CHRYSLER P/N 05127382AA, CHRYSLER P/N 68043742AA, CHRYSLER P/N 68157995AA, CHRYSLER P/N 68157995AB, CHRYSLER P/N 68171866AA, CHRYSLER P/N 68171869AA, CHRYSLER P/N 68218925AA, CHRYSLER P/N MOPAR AS 68 RC, CHRYSLER P/N MOPAR AS 69 RC (T-IV), CHRYSLER P/N MOPAR SP IV DAIMLER: MB-236.15 FORD MERCON®, FORD WSS-M2C-924-A, FORD WSS-M2C-138-CJ, FORD WSS-M2C-166-H, FORD WSS-M2C-922-A1, FORD ESP-M2C-166-H, FORD P/N XT-2-QDX, FORD P/N XT-2-QSM, FORD P/N XT-9-QMM5, FORD P/N XT-8-QAW GM TYPE A SUFFIXE A (TASA), GM DEXRON® II-D, GM DEXRON® II-E, GM DEXRON® III-G, GM DEXRON® III-H, GM P/N 1940700, GM P/N 1940467, GM P/N 21005966, GM P/N 22717466, GM P/N 1940767, GM P/N 88900925, GM P/N 9986195, GM P/N 93160393, GM P/N 88863400, GM P/N 88863401, GM P/C AutoTrak II HONDA DW-1, HONDA ATF-Z1, HONDA ATF TYPE 3, HONDA ATF TYPE 3.1, HONDA ATF ULTRA II

OFF-ROAD TRANSMISSION TRACTELF PRODUCTS

COMMERCIAL NAME	VISCOSITY GRADES	INTERNATIONAL SPECIFICATIONS	OEM APPROVALS	MEETS THE REQUIREMENT OF	SUITABLE FOR	FUEL ECONOMY/ LOW SAPS
TRACTELF BF 16		API GL-4	MASSEY FERGUSON: CMS M1145 VALTRA G2-08 ZF TE-ML 03E, ZF TE-ML 03L, ZF TE-ML 05F, ZF TE-ML 06P, ZF TE-ML 17E, ZF TE-ML 21F	ALLISON C-4 CLAAS: RENAULT AGRICULTURE FORD FHNA-2-C-201.00, FORD ESN-M2C-134-D JOHN DEERE JDM J20C LIEBHERR MASSEY FERGUSON: CMS M1143 McCORMICK HTX	CASE NEW HOLLAND: CASE MS1207, CASE MS1209, CNH MAT 3505, CNH MAT 3509, CNH MAT 3525, CNH MAT 3526, CNH MAT 3540, NH 410B, NH 410C CATERPILLAR: CAT TO-2 JCB STANDARD 4000, JCB STANDARD 2200 KOMATSU AXO 80 MASSEY FERGUSON: CMS M1135, CMS M1141	
TRACTELF BF 24 FE		API GL-4	MASSEY FERGUSON: CMS M1145 VALTRA G2-B10	CLAAS: RENAULT AGRICULTURE FORD FHNA-2-C-201.00, FORD ESN-M2C-134-D JOHN DEERE JDM J20C MASSEY FERGUSON: CMS M1143 McCORMICK HTX	CASE NEW HOLLAND: CASE MS1206, CASE MS1207, CASE MS1209, CNH MAT 3505, CNH MAT 3509, CNH MAT 3525, CNH MAT 3526, CNH MAT 3540, NH 410B, NH 410C, CNH MAT 3552-A MASSEY FERGUSON: CMS M1135, CMS M1141 ZF TE-ML 03E, ZF TE-ML 05F, ZF TE-ML 06K CASE NEW HOLLAND: NEW HOLLAND TVT	
TRACTELF BF20 FE		API GL-4			CASE NEW HOLLAND: CASE MS1206, CASE NEW HOLLAND: NEW HOLLAND TVT CASE MS1207, CASE MS1209, CNH MAT 3505, CNH MAT 3509, CNH MAT 3525, CNH MAT 3526, CNH MAT 3540, NH 410B, NH 410C CLAAS: CLAAS, RENAULT AGRICULTURE FORD FHNA-2-C-201.00, FORD ESN-M2C-134-D JOHN DEERE JDM J20C KOMATSU AXO 80 MASSEY FERGUSON: CMS M1143, CMS M1145 McCORMICK HTX VALTRA G2-08	
TRACTELF BLS	80W-90	API GL-5 LS US MIL LUBRICANT: MIL-L-2105 D	ZF TE-ML 05C, ZF TE-ML 21C	ZF TE-ML 12C	CLAAS: RENAULT AGRICULTURE DEUTZ	
TRACTELF NG		API: API GL-4	VALTRA G2-08 ZF TE-ML 03E, ZF TE-ML 05F, ZF TE-ML 06D, ZF TE-ML 06K, ZF TE-ML 06N, ZF TE-ML 06R, ZF TE-ML 17E, ZF TE-ML 21F	CLAAS: RENAULT AGRICULTURE FORD FHNA-2-C-201.00, FORD ESN-M2C-134-D JOHN DEERE JDM J20C MASSEY FERGUSON: CMS M1143, CMS M1145 McCORMICK HTX	CASE NEW HOLLAND: CASE MS1206, CASE MS1207, CASE MS1209, CNH MAT 3505, CNH MAT 3509, CNH MAT 3525, CNH MAT 3526, CNH MAT 3540, NH 410B, NH 410C JCB STANDARD 2200, JCB STANDARD 4000 KOMATSU AXO 80 KUBOTA UDT MASSEY FERGUSON: CMS M1135, CMS M1141 CASE NEW HOLLAND: NEW HOLLAND TVT	
TRACTELF SF 3		API GL-4		CASE NEW HOLLAND: NH 420A CLAAS: RENAULT AGRICULTURE FORD WSS-M2C-86-B, FORD WSS-M2C-86-C MASSEY FERGUSON: CMS M1135, CMS M1141	JCB KOMATSU	

HYDRAULIC OIL/ BRAKE FLUID PRODUCTS

COMMERCIAL NAMES	ISO VG	INTERNATIONAL SPECIFICATIONS	OEM HOMOLOGATIONS
HYDRELF DS	32, 46, 68, 100	AFNOR NF E48-603 HV, ISO 6743-4 HV, DIN 51524-3 HVLP	CINCINNATI MILACRON P68/P69/P70, DENISON HF0/HF2, VICKERS M-2950-S/I-286-S
ELFOLNA DS	22, 32, 46, 68, 100	AFNOR NF E48-603 HM, ISO 6743-4 HM, DIN 51524-2 HLP	CINCINNATI MILACRON P68/P69/P70, DENISON HF0/HF1/HF2, VICKERS M-2950-S/I-286
FRELUB 450		FMVSS 116 DOT 4, ISO 4925 Class 4, SAE J1704	
FRELUB 650		FMVSS 116, ISO 4925, SAE J1704	

