

GENUINE ENGINE FLUIDS



OILS AND COOLANTS

FPT ENGINE OILS

Our customers rely on the performance and quality of their equipment. For them FPT Industrial and PETRONAS Lubricants International have worked together to create the best fluids.

The new FPT Engine Oils product line is the result of FPT and PETRONAS proven experience to ensure the highest level of engine performance under all working conditions. By using the right lubricants, improved performance and protection are guaranteed for all our engines.



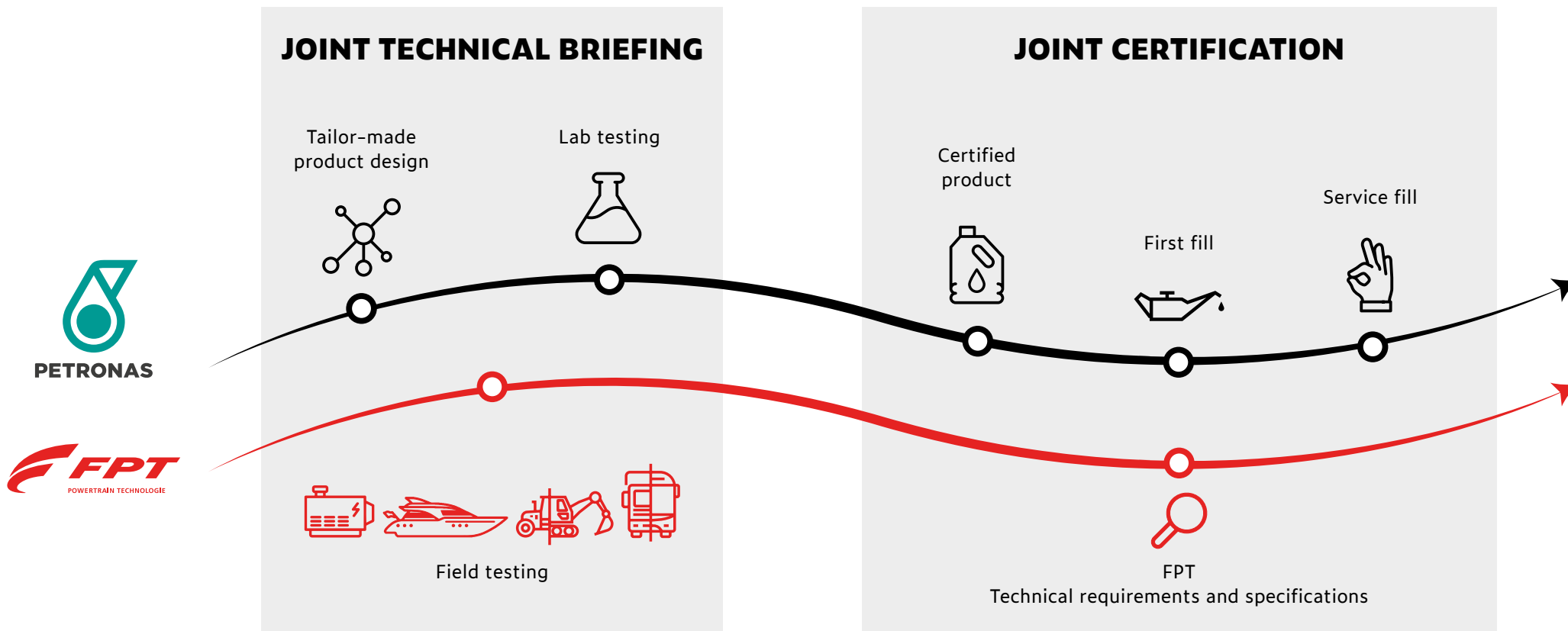
THE PERFECT COMBINATION

FPT and PLI combined their R&D efforts to develop outstanding quality lubricants which assure top performance and long durability for all applications, from first fill and throughout the entire life of the engine.

Our lubricants have been formulated, tested and approved by FPT Industrial engineers under severe laboratory conditions. Extreme load tests were carried out on bench and in field to validate more extended oil change intervals and service hour features.

Thanks to the partnership between FPT and Petronas, the new FPT Engine Oils range is designed to:

- Cover all specific missions across various marine and off-highway sectors.
- Maximize protection and performance.
- Extend durability and service life.
- Reduce fuel and oil consumption for a more sustainable environment.
- Reduce the Total Cost of Ownership (TCO)



TECHNICAL CHARACTERISTICS

PROPERTY	METHOD	5W-30	10W-40	15W-40
Kinematic Viscosity @40°C mm ² /s	ASTM D445	72	104.4	114.2
Kinematic Viscosity @100°C mm ² /s	ASTM D445	12.2	15.4	15
Dynamic Viscosity mPa s	ASTM D5293	6300 @-30°C	6500 @-25°C	6100 @-20°C
Viscosity Index	ASTM D2270	168	155	136
Total Base Number mg KOH/g	ASTM D2896	13.5	9.9	11.1
Sulfated Ash %	ASTM D874	0.9	0.9	1.4
Density @15°C kg/l	ASTM D4052	0.855	0.864	0.870
Flash Point (COC) °C	ASTM D92	220	224	236
Pour Point °C	ASTM D97	-48	-38	-36

Off-Road & Marine Engine Oil 15W-40

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Premium Off-Road & Marine Engine Oil 10W-40

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Premium On-Road Engine Oil 5W-30

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OFF-ROAD & MARINE

20 L | 200 L

Code 71948



Viscosity: SAE 15W-40
Specifications: ACEA E7; API CI-4
Approvals: FPI9.LUBR001-T2 E7

ON-ROAD	POWER GEN
OFF-ROAD	MARINE

- Applications:**
- Off-road & Power Gen:** S8000, F5, NEF, CURSOR
Unregulated to Stage IIIA
ODI: Up to 600 hours / 1 year
 - Marine:** F1, NEF, CURSOR
Unregulated to Stage V
ODI: Up to 600 hours / 1 year
 - On-Road:** NEF & CURSOR Euro I-V
ODI: Up to 150.000 km

DESCRIPTION

Designed to improve engine and oil durability, increase reliability of FPT engines and reduces maintenance cost. High SAPs medium, heavy duty engine oil suitable. It satisfies the requests of engines both with SCR and EGR technologies.

BENEFITS

- **High levels of protection** against engine wear in the valve train, piston rings, and cylinder liners, allowing an oil change interval up to 100.000 km or 600 hours.
- **High endurance to mechanical stress** and to acid deposits creation, with total protection of bearings and extension of sludge control and dispersion.
- Formulated with soot dispersant additives to help **prevent wear and loss of engine horsepower.**
- **Minimum oil consumption**, even during extended service intervals.

SUITABLE FOR

CAT ECF-2, ECF-1a; Cummins CES 20077; MAN M 3275 Cummins CES 20078; Deutz DQC-III; Mack EO-N; DTFR 15B110 (MB 228.3); MTU Oil Category 2; Renault VI RLD-2; Volvo VDS-3.

CHANGE INTERVALS

		OFF ROAD	POWER GEN	MARINE	ON ROAD
S8000	Tier 1 to Tier 3	300 hours / 1 year			
	Stage II		500 hours / 1 year		
F5	Tier 2 Stage IIA to Tier 3 Stage IIIA	600 hours / 1 year	500 hours / 1 year		
	Tier 2			600 hours / 1 year	
NEF	Not Emissioned		800 hours / 1 year	600 hours / 1 year	
	Stage II		500 hours / 1 year		
	Tier 2 Stage IIA to Tier 3 Stage IIIA Stage V	600 hours / 1 year	500 hours / 1 year	600 hours / 1 year	
	Euro I - V				80.000 km / 18 months / 800 hours
	Not Emissioned		600 hours / 1 year		
CURSOR	Stage II		500 hours / 1 year		
	Tier 2 Stage IIA to Tier 3 Stage IIIA Stage V	600 hours / 1 year	500 hours / 1 year	600 hours / 1 year	
	Euro I - V				150.000 km / 1 year / 1.000 hours

The values shown are for reference and indicate the maximum ranges that can be reached in each application. We invite you to use the Oil Configurator or the official FPT documentation to identify the precise data referring to your engine. FPT Industrial will not monitor or approve any fluid-specific drain interval other than its own fluid.

PREMIUM OFF-ROAD & MARINE

20 L | 200 L

Code 71949



Viscosity: SAE 10W-40

Specifications: ACEA E11, E7; API CK-4, CJ-4

Approvals: FPI9.LUBRO01-TLS CK4;
FPI9.LUBRO03-TLS CK4



Applications:

- **Off-road & Power Gen:** S8000, F5, NEF, CURSOR, VECTOR
Tier 1 to Tier 4 final / Stage II to Stage V
ODI: Up to 600 hours / 1 year
- **Marine:** CURSOR
Tier 2 to Tier 3 / Stage V
ODI: Up to 600 hours / 1 year
- **On-Road:** F1, NEF & CURSOR
Euro VI
ODI: Up to 150.000 km

DESCRIPTION

It is a low SAPs engine oil designed to **offer protection for the particulate filter against combustion residues** without compromising durability. This **semi-synthetic technology** provides long oil drain performance coupled with enhanced protection against wear and deposits. High temperature oxidation stability is guaranteed.





BENEFITS

- **Improves cleanliness and protection** of the engine up to the maximum oil drain intervals up to 150.000 km or 600 hours, also in severe operation;
- **Provides enhanced fuel economy capability** compared to high viscosity oils without compromising engine protection;
- **Reduces oil consumption** maintenance costs and downtime;
- Formulated specifically to **inhibit deposits and wear** with superior soot control for greater engine efficiency;
- **Excellent control over valve-train** and bore polishing wear;
- **High temperature oxidation** stability benefits;
- **Superior protection** against engine wear and piston rings deposits;
- Helps to **protect exhaust systems devices** like those fitted with DPF;
- **Excellent low-temperature fluidity** reduces engine start-up wear in cold weather conditions.

SUITABLE FOR

DAF standard drain; Mack EOS-4.5; Renault VI RLD-3; Volvo VDS-4.5.

CHANGE INTERVALS

		 OFF ROAD	 POWER GEN	 MARINE	 ON ROAD
S8000	Tier 1 to Tier 3	500 hours / 1 year			
	Tier 4 int / Stage IIIB to Tier 4 final / Stage V	600 hours / 1 year			
F5	Tier 2 / Stage II to Tier 4 final / Stage V	600 hours / 1 year	600 hours / 1 year		
	Euro VI				40.000km / 2 years / 800 h
NEF	Tier 2 / Stage II Tier 3 / Stage IIIA	600 hours / 1 year	600 hours / 1 year		
	Tier 4 int / Stage IIIB to Tier 4 final / Stage V	600 hours / 1 year	600 hours / 1 year		
	Euro VI				80.000km / 2 years / 2000 h
CURSOR	Not Emission Tier 2 / Stage IIA to Tier 4 final / Stage V	600 hours / 1 year	600 hours / 1 year	600 hours / 1 year	
	Euro VI				150.000 km / 2 years / 3500 hours
VECTOR	Tier 4 final / Stage V	600 hours / 1 year			

The values shown are for reference and indicate the maximum ranges that can be reached in each application. We invite you to use the Oil Configurator or the official FPT documentation to identify the precise data referring to your engine. FPT Industrial will not monitor or approve any fluid-specific drain interval other than its own fluid.

PREMIUM ON-ROAD

20 L | 200 L

Code 71950



Viscosity: SAE 5W-30

Specifications: API CK-4; ACEA E8

Approvals: FPI9.LUBRO03-TLS E6;
FPI9.LUBRO03-TLS E6

ON-ROAD

OFF-ROAD

Applications:

- **On-Road:** NEF & CURSOR
Euro V - VI Diesel & Natural Gas engines
ODI: Up to 150.000 km
- **Off-Road:** F5
Tier 4 final / Stage V
ODI: Up to 600 hours / 1 year



DESCRIPTION

For Euro V- VI engines fitted with HI-eSCR system, common rail injection, particulate filter and variable geometry turbocharger. Also developed for the latest CNG and LNG engines. Its low SAPS formulation **designed to provide high fuel economy and offer outstanding protection** for the particulate filter against combustion residues.

BENEFITS

- **Improved cleanliness and protection** of the engine up to the maximum oil drain intervals up to 150.000 km or 600 hours for Off - Road application, also in severe operation.
- **High fuel economy.**
- **High protection of after-treatment systems** such as DPF and DOC thanks to the specific low SAPS formulation.
- **Resistance to oxidation** allows better performance of the variable geometry turbocharger, under harsh operating conditions.
- **Reduces acidic levels** leads to corrosion, making your engines more durable and longer life.
- **Superior low-temperature fluidity** reduces engine start-up wear in extreme cold weather conditions.
- **Easy starting** in all climatic conditions.

CHANGE INTERVALS

		 OFF ROAD	 ON ROAD			
			MEDIUM TRUCK	URBAN BUS	EXTRA URBAN BUS	HEAVY TRUCKS
F5	Tier 4 final / Stage V	600 hours / 1 year				
F1	Euro VI		80.000 km / 18 months	40.000 km / 2 years / 2000h	80.000 km / 2 years / 2000h	
NEF	Euro VI		30.000 km / 1 year / 2000 h	30.000 km / 1 year / 2000 h		
CURSOR	Euro VI			60.000 km / 2 years / 3500 h	120.000 km / 2 years / 3000 h	150.000 km / 18 months
CURSOR NG	Euro V- VI			60.000 km / 1 year / 2000 h		90.000 km / 1 year

The values shown are for reference and indicate the maximum ranges that can be reached in each application. We invite you to use the Oil Configurator or the official FPT documentation to identify the precise data referring to your engine. FPT Industrial will not monitor or approve any fluid-specific drain interval other than its own fluid.

PARAFLU 11

4x5 L
20 L (all) | 200 L (all)**Code 81139****Specifications:** ASTM D 3306 Type 1, ASTM D 6210 Type 1-FF, CUNA 956-16**Approvals:** FPT COOL001**ON-ROAD****Applications:** F1, NEF, CURSOR Euro I – V**OFF-ROAD****POWER GEN****MARINE****Applications:** S8000, F5, NEF, CURSOR Tier 1 – 3

DESCRIPTION

High quality concentrated conventional Coolant delivering optimized performance and component durability for heavy-duty engines cooling systems.

Formulated with Mono-Ethylene Glycol enhanced with a special Inorganic Acid corrosion inhibitor Technology with nitrites, borates and silicates (IAT Technology), free of phosphates and amines, it provides protection against overheating, frost and corrosion and aversive agent (bitrex).




PARAFLU UP




4x5 L
20 L (all) | 200 L (all)**Code 76059****Specifications:** ASTM D 3306 Type 1, ASTM D 6210 Type 1-FF, CUNA 956-16**Approvals:** FPT COOL002**ON-ROAD****Applications:** F1, NEF, CURSOR Euro VI

DESCRIPTION

Premium performance concentrated Long-Life Coolant delivering optimized performance and component durability for vehicles cooling systems. Formulated with Mono-Ethylene Glycol enhanced with a special Organic Acid salts inhibitor (OAT Technology), free of nitrites, borates, phosphates, silicates and amines, it provides excellent protection against overheating, frost and corrosion and aversive agent (bitrex).

OTHER VALIDATED PRODUCTS FOR ON ROAD APPLICATIONS.

NAME	CODE	PACKAGING
 URANIA NEXT	71800	5 L 20 L 200 L
 URANIA ECOSYNTH	71654	20 L 200 L
 URANIA FE	71520	5 L 20 L 200 L

NAME	CODE	PACKAGING
 URANIA DAILY TEK PLUS	81100	5 L 20 L 200 L
 URANIA DAILY LS	71521	5 L 20 L 200 L
 URANIA DAILY	71523	5 L 20 L 200 L

OPERATIVE INSTRUCTIONS

TO BE CONFIRMED

TO BE CONFIRMED



FPT CUSTOMER SERVICE



24/7 CARE & ASSISTANCE

Please, don't hesitate to contact us
for any further information

fptindustrial.com