

RUBIA

ENGINE OIL

It's time
to trust your
engine oil

200+
APPROVALS
FROM
**HEAVY VEHICLE
MANUFACTURERS***

*For Rubia range's engines



Rubia products are tested and approved more than 200 times by Major Heavy Vehicle Manufacturers (Original Equipment Manufacturers - OEMs).

Premium products and tailor-made solutions to increase your operational efficiency.



TotalEnergies

lubricants.totalenergies.com

Rubia Tir

with Pro-Efficient Technology

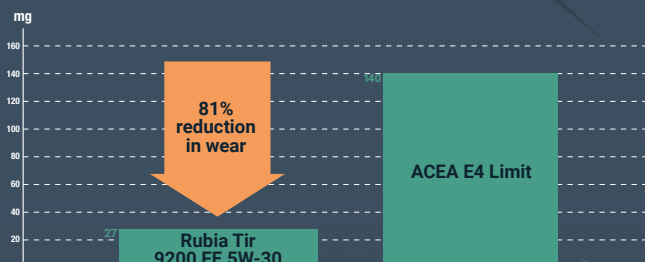


Rubia Tir products with their Pro-Efficient formulation form a strong protective layer on the metal surfaces avoiding direct contact in between moving engine parts thus minimizing mechanical wear.

Pro-Efficient Technology thanks to its right combination of extra resistant anti-wear molecules and viscosity modifiers helps to maintain the oil film intact even under extreme conditions; resulting in improved engine longevity.

Up to 81% less mechanical wear compared to ACEA E4 Industry Limits.*

*OM 646LA Test (Cam Wear Outlet)



Rubia Fleet

with Clean-Shield Technology



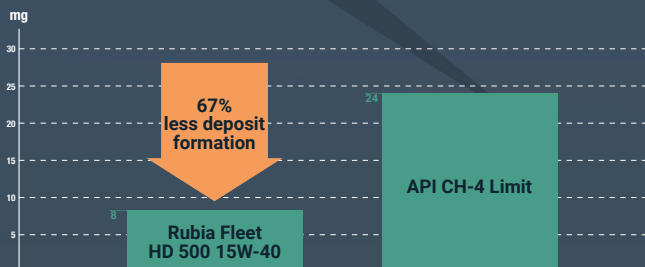
Thanks to their Clean-Shield Technology, **Rubia Fleet** products keep engines cleaner even in the presence of hi-sulphur fuels, ensuring engine protection against mechanical wear and making engines run more smoothly for a longer time.

The Rubia Fleet range using high level of active detergent molecules, will allow to neutralize acidic species and protect the engine against corrosion.

Clean-Shield Technology is specially designed to keep the engine parts clean and to ensure protection against corrosion and wear; making your engines run more smoothly for longer time.

Up to 67% less deposit formation compared to API CH-4 Industry Limits.*

*Cat 1K Test (Top groove fill)



Anac Transport

A preventive maintenance tool and fleet management system that provides a lifetime extension of your equipment park ; reduces Total Cost of Ownership (TCO); and optimises reliability and performance.



Reduces downtime of your fleet.
Prevention of possible mechanical breakdowns.



Increases the lifetime of your vehicle.
Decrease of the risk of excessive wear of the mechanical component.






Optimizes the maintenance.
Control of your maintenance budget.






Reduces the Total Cost of Ownership (TCO).
Optimization of the amortization of your vehicle park.




Differential

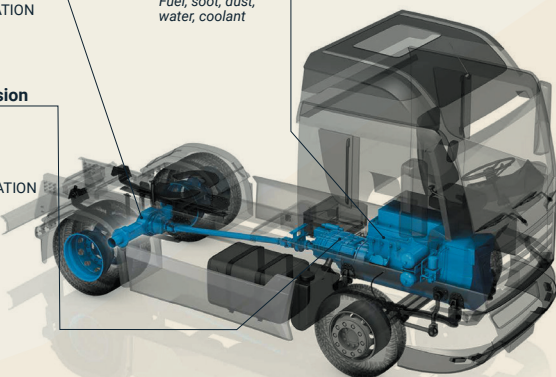
-  WEAR
-  CONDITION
Viscosity
-  CONTAMINATION
Dust, water




Engine

-  WEAR
Wear rate
-  CONDITION
Oxidation, viscosity, sulphated ash
-  CONTAMINATION
Fuel, soot, dust, water, coolant

Transmission

-  WEAR
-  CONDITION
Viscosity
-  CONTAMINATION
Dust, water



-  Measurement of mechanical wear
-  Condition monitoring of the lubricant
-  Measurement of possible contaminations

Rubia

Fuel Economy

Why would you choose Rubia Tir Fuel Economy engine oil?



Over 20 years of Fuel Economy Experience

TotalEnergies has been developing Fuel Economy products since the 1990's. Today, a third of TotalEnergies engine oils sold worldwide is formulated with Fuel Economy technology.



Fuel Economy Partnerships with OEMs

Rubia Tir Fuel Economy range is developed in close cooperation with key OEMs. Therefore, the range is fully approved for use in their engines to achieve Fuel Economy targets of the OEMs.



Fuel Economy Lubricants for every application

Our wide range of Fuel Economy solutions are suited for every application, including engines, gearboxes and axles.



Tested on Real Roads and Certified for Fuel Savings

TotalEnergies Fuel Economy lubricants are tested on actual fleets operating in real-world conditions, and certified by independent testing organizations such as TÜV Rheinland, UTAC, and Millbrook.

Rubia Fuel Economy range

Product name	Base Oil Technology	Fuel Economy	Low-SAPS	International Specifications	OEM Approvals	OEM Meets the requirements of
Rubia Tir 9900 FE 5W-30 (Also suitable for CNG/LNG Engines)	FULLY SYNTHETIC	✓	✓	ACEA E4, E6, E7, E9 API CJ-4/ CI-4/CH-4	Mack EO-O Premium Plus, MAN M 3677, MB-Approval 228.51, Renault Trucks RLD-3, Volvo VDS-4, Scania LDF-4	Cummins CES 20081, DAF, Iveco TLS E6, Ford WSS-M2C213-A1, MAN M 3477/M 3271-1
Rubia Tir 9200 FE 5W-30	FULLY SYNTHETIC	✓		ACEA E4, E7	Mack EO-N, MAN M 3277, MB-Approval 228.5, Renault Trucks RLD-2, Scania LDF-3, Volvo VDS-3, Voith Class A, Isuzu Recommended Lubricant (2020)	Cummins CES 20076/77, DAF, Iveco TFE
Rubia Tir 8900 FE 10W-30 (Also suitable for CNG/LNG Engines)	SYNTHETIC TECHNOLOGY	✓	✓	ACEA E6, E7, E9 API CJ-4/ CI-4/CH-4	Mack EO-O Premium Plus, MB-Approval 228.51, Renault Trucks RLD-3, Volvo VDS-4	Cummins CES 20081, MAN M 3477/M 3271-1, DAF, Iveco
Rubia Tir 7400 FE 10W-30	SYNTHETIC TECHNOLOGY	✓	✓	ACEA E7 API CI-4/ CH-4	MB-Approval 228.3, Cummins CES 20078, Volvo VDS-3, Renault Trucks RLD-2, Mack EO-N	MAN M 3275, Detroit Diesel DFS 93K215

Rubia Tir Low Saps Range

Product name	Base Oil Technology	Low-SAPS	International Specifications	OEM Approvals	OEM Meets the requirements of
Rubia Tir 9900 10W-40 <i>(Also suitable for CNG/LNG Engines)</i>	FULLY SYNTHETIC	✓	ACEA E4, E6, E7, E9 API CJ-4/CI-4/CH-4	Cummins CES 20081, Detroit Diesel 93K218, Mack EO-O Premium Plus, MB-Approval 228.51, Renault Trucks RLD-3, Volvo VDS-4, Scania Low Ash	DAF, MAN M 3575/M 3477/ M3271-1, Iveco TLS E9,
Rubia Tir 8900 10W-40 <i>(Also suitable for CNG/LNG Engines)</i>	SYNTHETIC TECHNOLOGY	✓	ACEA E6,E7, E9 API CJ-4/CI-4/CH-4	Mack EO-O Premium Plus, MB-Approval 228.51, Renault Trucks RLD-3, Volvo VDS-4, Scania Low Ash	Cummins CES 20081, MAN M 3477/M 3271-1, DAF, Iveco TLS E9

Rubia Tir Standard Range

Product name	Base Oil Technology	International Specifications	OEM Approvals	OEM Meets the requirements of
Rubia Tir 8800 10W-40	SYNTHETIC TECHNOLOGY	ACEA E4, E7 API CI-4	Mack EO-N, MAN M 3277, MB-Approval 228.5, Renault Trucks RLD-2, Volvo VDS-3	Cummins CES 20078
Rubia Tir 8600 10W-40	SYNTHETIC TECHNOLOGY	ACEA E4, E7 API CF	Mack EO-N, MAN M 3277, MB-Approval 228.5, Renault Trucks RLD-2, Scania LDF-3, Volvo VDS-3, Voith Class A, ZF TE-ML 23A	DAF, Renault Trucks RXD
Rubia Tir 7800 15W-40	CONVENTIONAL	API CI-4 plus/ CI-4/CH-4/SL	Mack EO-N, MB-Approval 228.3, Volvo VDS-3, Renault Trucks RLD-2	Cummins CES 20078, Caterpillar ECF-2, Detroit Diesel 93K214, MAN M 3275
Rubia Tir 7400 10W-40	CONVENTIONAL	ACEA A3/B3, A3/B4, E7 API CI-4/CH-4/SJ	Mack EO-N, MB-Approval 228.3, Kamza, Renault Trucks RLD-2, Volvo VDS-3	MAN M 3275, MB-229.1, Cummins CES 20078
Rubia Tir 7400 15W-40	CONVENTIONAL	ACEA E7 API CI-4/CH-4/SL	Cummins CES 20078, Mack EO-N, MB-Approval 228.3, Volvo VDS-3, Renault Trucks RLD-2, Volvo VDS-3,	MAN M 3275, Caterpillar ECF-1-a, Iveco T2 E7, DAF, Scania, Isuzu

Rubia Fleet

Product name	International Specifications	OEM Meets the requirements of
Rubia Fleet HD 500 15W-40, 20W-50, 10W-30	API CH-4/SJ	Mack EO-M, MAN M 3275, MB-228.1, Renault Trucks RD/RD-2, Volvo VDS-2
Rubia Fleet HD 400 15W-40, 20W-50	API CG-4/SH	Mack EO-L, MAN 271, MB-228.1, Volvo VDS
Rubia Fleet HD 300 15W-40, 15W-50, 20W-50, 10W-30	API CF-4/SG	MAN 271, MB-228.1, Volvo VDS
Rubia Fleet HD 200 15W-40, 20W-50, 20W-40	API CF/SF	
Rubia Fleet HD 200 SAE 10W/30/40/50	API CF/SF	



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