

RUBiA



Full Range of Lubricants For Heavy Duty



TotalEnergies



MINERAL

PRODUCT	API	ACEA	ADVANTAGES	SPECIFICATIONS/APPROVALS
RUBIA OPTIMA 1100 FE 10W-30	CK-4 CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Save up to 1% fuel consumption with FE technology 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Ford WSS-M2C171-F1 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-Approval 228.31
RUBIA OPTIMA 1100 15W-40	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Ford WSS-M2C171-F1 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-Approval 228.31
RUBIA WORKS 4000 15W-40	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology providing better protection to engines with particulate filters (DPF) Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional technical performance 	<ul style="list-style-type: none"> Cummins CES 20086 Detroit Diesel DFS 93K222 Deutz DQC III-10-LA MTU Category 2.1 VOLVO VDS-4.5 MACK EOS-4.5 RENAULT Trucks RLD-3 MB-Approval 228.31 JASO DH-2 <ul style="list-style-type: none"> Caterpillar ECF-3/ECF-2/ECF-1a HITACHI KOMATSU ISUZU KOBELCO



SYNTHETIC-BLEND

PRODUCT	API	ACEA	ADVANTAGES	SPECIFICATIONS/APPROVALS
RUBIA OPTIMA 1300 FE 10W-30	CK-4 CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Save up to 3% fuel with FE technology 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-Approval 228.31 Ford WSS-M2C171-F1 <ul style="list-style-type: none"> DAF IVECO
RUBIA OPTIMA 1300 15W-40	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives 	<ul style="list-style-type: none"> Mack EO-S 4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-Approval 228.31 Ford WSS-M2C171-F1 <ul style="list-style-type: none"> DAF IVECO
RUBIA WORKS 4000 FE 10W-30	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology providing better protection to engines with particulate filters (DPF) Excellent shear stability Improved oxidation stability Exceptional aeration control Additional fuel economy benefits Save up to 3% fuel with FE technology Exceptional technical performance 	<ul style="list-style-type: none"> Cummins CES 20086 Detroit Diesel DFS 93K222 Deutz DQC III-10-LA MTU Category 2.1 VOLVO VDS-4.5 MACK EOS-4.5 RENAULT Trucks RLD-3 MB-Approval 228.31 JASO DH-2 <ul style="list-style-type: none"> Caterpillar ECF-3/ECF-2/ECF-1a HITACHI KOMATSU ISUZU KOBELCO

Fleet Lubricants

FOR IMMEDIATE TECHNICAL SUPPORT | **1 800 463.3955**



ENGINE

- RUBIA OPTIMA 1100 15W-40
- RUBIA OPTIMA 1100 FE 10W-30
- RUBIA OPTIMA 1300 15W-40
- RUBIA OPTIMA 1300 FE 10W-30
- RUBIA OPTIMA 1500 0W-40
- RUBIA OPTIMA 1500 5W-40
- RUBIA OPTIMA 1500 FE 5W-30
- RUBIA OPTIMA 2100 XFE 10W-30 (FA-4)
- RUBIA GAS 9M FE 10W-30 (NATURAL GAS)
- RUBIA GAS 9M 15W-40 (NATURAL GAS)
- RUBIA WORKS 4000 0W-40
- RUBIA WORKS 4000 15W-40
- RUBIA WORKS 4000 FE 10W-30

TRANSMISSION (MANUAL & AUTOMATIC)

- TRANSMISSION GEAR 8 FE SAE 40
- FLUIDMATIC XLD FE
- TRANSYN SAE 50
- TRANSMISSION GEAR 9 FE 75W-80

DIFFERENTIAL & AXLE

- TRANSYN 75W-90
- TRANSTEC 5 80W-90
- TRANSTEC 5 85W-140
- TRANSMISSION S/S NA 75W-90
- TRAXIUM AXLE 8 75W-140

COOLANT SYSTEM

- HDXL

CLUTCH BEARINGS GREASE POINTS RODS / PINS & BEARINGS

- MULTIS COMPLEX EP 2
- MULTIS COMPLEX RT 2
- CERAN XM 220
- CERAN XM 220 MOLY

KING PIN & FIFTH WHEEL

- MULTIS COMPLEX EP 2
- MULTIS COMPLEX RT 2
- MULTIS XHV2

DEF & FUEL ADDITIVE

- DIESEL EXHAUST FLUID (DEF)





FULLY SYNTHETIC

PRODUCT	API	ACEA	ADVANTAGES	SPECIFICATIONS/APPROVALS
RUBIA OPTIMA 1500 FE 5W-30	CK-4 CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Exceptional technical performance Save up to 3% fuel with FE technology 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Ford WSS-M2C171-F1 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-228.31
RUBIA OPTIMA 1500 5W-40	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Exceptional technical performance 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Ford WSS-M2C171-F1 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-228.31
RUBIA OPTIMA 1500 0W-40	CK-4/SN	E9	<ul style="list-style-type: none"> Formulated with LOW-SAPS technology Excellent shear stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Exceptional technical performance 	<ul style="list-style-type: none"> Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 Ford WSS-M2C171-F1 Detroit Diesel DFS 93K222 Cummins CES 20086 MB-228.31
RUBIA WORKS 4000 0W-40	CK-4/SN CJ-4 CI-4 Plus CI-4 CH-4	E9/E7	<ul style="list-style-type: none"> Developed for earthmoving, mining and quarries machinery engines LOW-SAPS technology Excellent thermal stability Improved oxidation stability Exceptional aeration control Exceptional detergent, dispersant and anti-wear additives Exceptional technical performance 	<ul style="list-style-type: none"> Caterpillar ECF-3/ECF-2/ECF-1a Mack EOS 4.5 Volvo VDS-4.5 Renault VI RLD-3 Detroit Diesel DFS 93K222 Cummins CES 20086 Deutz DQC III-10 LA

NATURAL GAS

PRODUCT	API	ACEA	ADVANTAGES	SPECIFICATIONS/APPROVALS
RUBIA GAS 9M 15W-40	CK-4/SN	E9	<ul style="list-style-type: none"> Excellent thermal stability Low ash content Excellent viscosity stability in service 	<ul style="list-style-type: none"> Cummins CES 20092 Detroit Diesel DFS 93K222 Cummins CES 20086 Cummins CES 20085 Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 MB-228.31
RUBIA GAS 9M FE 10W-30	CK-4/SN	E9	<ul style="list-style-type: none"> Excellent thermal stability Low ash content Excellent viscosity stability in service Ideal products for mixed fleets 	<ul style="list-style-type: none"> Cummins CES 20092 Detroit Diesel DFS 93K222 Cummins CES 20086 Cummins CES 20085 Mack EOS-4.5 Volvo VDS-4.5 Renault Trucks RLD-3 MB-228.31



FA-4

PRODUCT	API	ACEA	ADVANTAGES	SPECIFICATIONS/APPROVALS
RUBIA OPTIMA 2100 XFE 10W-30	FA-4		<ul style="list-style-type: none"> Formulated with LOW-SAPS technology providing better protection to engines with particulate filters (DPF) Similar performance to a CK-4 engine oil, but with a High Temperature High Shear (HTHS) low temperature viscosity allowing for improved Fuel Economy Excellent shear stability Improved oxidation stability Exceptional aeration control Additional fuel economy benefits Exceptional technical performance 	<ul style="list-style-type: none"> Cummins CES 20087 Detroit Diesel DFS 93K223 Ford WSS-M2C214-B1

A major player

With our production, supply chain and commercial presence in more than **150 countries**, we deliver a full range of lubricants.

Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your **Total cost of Ownership**.

References & OEMs

Total Lubricants cooperates with **equipment manufacturers** to create high-technology products for optimal **performance and protection** of your machinery.

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good reasons for choosing **TotalEnergies**

Innovation & Research

TotalEnergies invests in biotechnologies to find the most suitable components to reach **energy efficiency** through formulations designed in our Research Centers.

Quality and environment

Total Lubricants **ISO 9001 certification** is the guarantee of a **long term commitment** to quality. From the initial design stage, our R&D teams seek to develop products that **minimize toxicity risks** and environmental impact.

Safety Data Sheets are available at <https://sdstotalms.total.com/>.



TotalEnergies

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