

RUBiA
ENGINE OIL

Rubia EV3R 15W-40

Technical product sheet



TotalEnergies

lubricants.totalenergies.com

RUBIA

ENGINE OIL



3R

Reduce, Reuse
Regenerate



Regenerated
base oils⁽¹⁾



At least 20%
reduced carbon
footprint⁽²⁾

Technical Standards

International specifications:

- ACEA E7
- API CI-4

Manufacturers' approvals:

- Cummins CES 20078
- Mack EO-N
- DTFR 15B110
- Renault Trucks RLD-2
- Volvo VDS-3

Meets the requirements of:

- MAN M 3275
- Caterpillar ECF-1-a
- IVECO T2 E7
- DAF
- SCANIA
- ISUZU

Product Benefits

- ✓ **Improved sustainability** via circular economy (3R Concept) using above 50% regenerated base oils
- ✓ **Uncompromised performance** vs virgin base oil-based formulation
- ✓ **Multiple heavy vehicle manufacturers approvals** ensure excellent performance, quality and compatibility



- ✓ **Optimal engine protection and cleanliness**

*For rubia range in its entirety.

Rubia EV3R 15W-40

The **Rubia EV3R 15W-40** is a premium circular economy regenerate **mineral** engine oil. It is formulated with **above 50% high-quality regenerated base oil** and **approved by multiple heavy vehicle manufacturers**. This lubricant is recommended for all manufacturers up to Euro 3 and for some up to Euro 5, with suitable drain intervals.

The **Rubia EV3R 15W40** supports the circular economy by **reducing waste, lowering emissions by 20%*, promoting reuse and recycling, all while maintaining high performance for engines**.

At the core of the **Rubia EV3R 15W-40** is circular economy which is driven by the **3R Concept: Reduce, Reuse, Regenerate**. To reduce the dependency on virgin base oils, used oils are collected from the market and are **purified and rerefined into high quality base oils** which are then integrated into our advanced formulation.

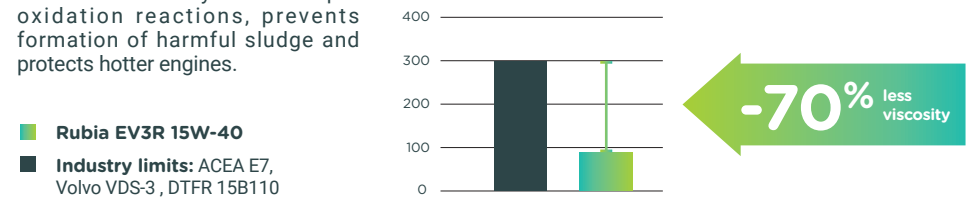
• Through extensive research and development, this more **sustainable and innovative** formulation delivers the **same performance as a conventional virgin base oil** based formulation and even exceeds it in certain areas.

• With **multiple approvals from heavy vehicle manufacturers**, a testament to its quality and performance, the **Rubia EV3R15W-40** engine oil also meets the international specifications of API CI-4 and ACEA E7.

Enhanced Oxidation Stability

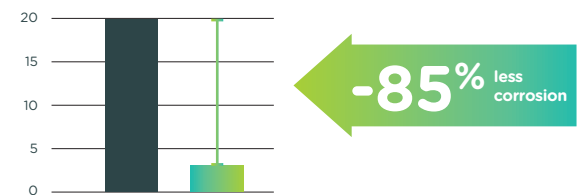
Rubia EV3R 15W-40 has improved oxidation stability that disrupts oxidation reactions, prevents formation of harmful sludge and protects hotter engines.

Volvo T13 Test (KV 40 Viscosity Increase 300-360h)



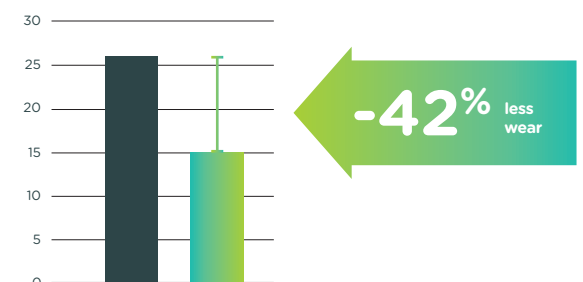
Corrosion control for improved efficiency

Rubia EV3R 15W-40 enhances the longevity and reliability of engine components by preventing the formation of harmful corrosion products, which can lead to engine failures and costly repairs.



Enhanced anti-wear properties

Rubia EV3R 15W-40 enhances the longevity and reliability of engine components by forming a protective layer on metal surfaces, which reduces direct metal-to-metal contact and minimizes wear.



⁽¹⁾Regenerated oil is used oil that has undergone a refining process to restore its properties and quality so that it can be reused.
⁽²⁾Cradle to gate comparison with our conventional Rubia products in virgin base oil.