

QUARTZ
ENGINE OIL

Quartz EV3R 10W-40

Technical product sheet



TotalEnergies

lubricants.totalenergies.com

QUARTZ ENGINE OIL



3R

Reduce, Reuse
Regenerate



Regenerated
base oils⁽¹⁾



Eco-designed⁽²⁾

Technical Standards

International specifications:

- API SN
- ACEA A3/B4

Manufacturers' approvals:

- PSA B71 2300
- RN 0710/0700
- VW 501.01/505.00



Meets the requirements of:

- MB 229.3

Product Benefits



Improved sustainability via circular economy (3R Concept) using 100% regenerated base oils



Uncompromised performance vs virgin base oil-based formulation



Multiple car manufacturer approvals ensure excellent performance, quality, and compatibility



Optimal engine protection and cleanliness



Eco-designed packaging made of 50% recycled plastic and fully recyclable*

*Bottle made with 50% recycled plastic and fully recyclable; cap excluded.

Quartz EV3R 10W-40

The Quartz EV3R 10W-40 is a **premium circular economy** synthetic technology engine oil formulated using **100% high-quality regenerated base oils** and **approved by multiple car manufacturers**. It is designed for both gasoline and diesel engines.

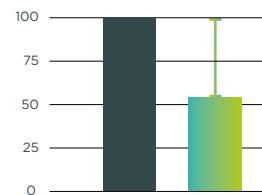
- At the core of the **Quartz EV3R 10W-40** is circular economy which is driven by the **3R Concept: Reduce, Reuse, Regenerate**. By reducing the dependency on virgin base oils, existing waste oils on the market are **purified and regenerated into high quality base oils** which are then integrated into our advanced formulation.
- Through extensive research and development, this more **sustainable and innovative** formulation delivers the **same performance as a standard virgin base oil** based formulation and even exceeds it in certain areas.
- With **multiple approvals from car manufacturers**, a testament to its quality and performance, the **Quartz EV3R 10W-40** engine oil also meets the international specifications of API SN and ACEA A3/B4.

Excellent anti-wear properties



With an advanced high quality formulation, the **Quartz EV3R 10W-40** provides excellent anti-wear properties.

Sequence IVB Test



Up to **46%**
less wear

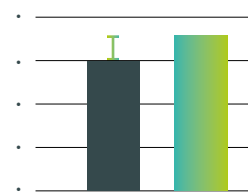
- Quartz EV3R 10W-40
- Industry Wear Limit

Enhanced piston cleanliness



The **Quartz EV3R 10W-40** delivers improved piston cleanliness thanks to a formulation with superior detergency.

TDI3 Cleanliness Test



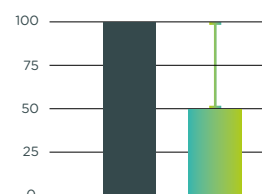
Up to **20%**
improved piston cleanliness

- Quartz EV3R 10W-40
- Quartz 7000 10W-40 with virgin base oil-based formulation

Reduced carbon footprint⁽³⁾

Eco-designed with regenerated base oils, the **Quartz EV3R 10W-40** features a formula with reduced carbon footprint.

Carbon Footprint



Up to **50%**
lower carbon footprint compared to formula with virgin base oils

- Quartz EV3R 10W-40
- Quartz 7000 10W-40 with virgin base oil-based formulation

⁽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⁾Eco-designed formula: compared to the previous generation Quartz 7000 10W-40. Eco-designed bottle: compared to previous packaging used for the same volume.

⁽³⁾Cradle-to-Gate