



# **Quartz 4X4 15W-40**

# **Engine Oil**

## **KEY DATA**





#### LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL SAE 15W-40 HIGH PERFORMANCE TECHNOLOGY

### **INTERNATIONAL STANDARDS**

△ API CI-4 / SL

### MANUFACTURER APPROVALS 1

Meets the technical requirements of many 4x4 manufacturers in particular Toyota, Nissan, Mitsubishi, Jeep, Mercedes Benz, BMW, General Motors...

<sup>1</sup> Please refer to car owner's manual

#### TECHNOLOGY

#### Clean-Shield technology

The effective engine cleaning technology.

Thanks to advanced detergent molecules designed to capture and isolate dirt such as sludge and soots, Clean Shield technology keeps engines clean in the long term. Fighting against this major cause of breakdowns, Quartz with Clean Shield technology is

the oil of choice across the globe to guarantee engine cleanliness during the entire drain interval and after oil change.



#### **APPLICATIONS**

Lubricant specially developed for the latest generation of 4x4, SUV and pick-up trucks with petrol or diesel engines.

QUARTZ 4x4 15W40 protects the engine in the most extreme conditions of use: intense dust environment, desert, track, road, traffic urban (stop and go) ...

Thanks to the exceptional anti-wear properties and resistance to very high temperatures of the Quartz 4X4 15W40, the engine is more resistant and more performant.

#### **CUSTOMERS BENEFITS**

- Quartz 4x4 optimizes engine performance in short gear ratio and gives the driver more driving comfort.
- Long-lasting wear protection for sensitive engine components.
- Ensures good engine cleanliness.
- Extends engine life (extended oil change intervals).

#### CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	15W-40
Kinematic viscosity at 40°C	mm²/s	ASTM D445	105
Kinematic viscosity at 100°C	mm²/s	ASTM D445	14.2
Density at 15°C	kg/m³	T.B.N	888
Viscosity index	-	ASTM D2270	136
Pour point	°C	ASTM D97	-30
OC Flash point	°C	ASTM D92	>200

<sup>&</sup>lt;sup>2</sup> The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications

#### RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

#### HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <a href="https://ms-sds.totalenergies.com">https://ms-sds.totalenergies.com</a>.

This product should not be used for any purposes other than the ones for which it is intended.



TotalEnergies Lubrifiants / Last update of this datasheet: June 22 / Quartz 4X4 15W-40

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at <a href="https://www.lubricants.totalenergies.com">www.lubricants.totalenergies.com</a>.