# Quartz 9000 Xtra 0W-8

## Engine oil

## KEY DATA


### LIGHT VEHICLE RANGE

GASOLINE ENGINE OIL
SAE 0W-8
ADVANCED SYNTHETIC TECHNOLOGY
XTRA FUEL ECONOMY

### INTERNATIONAL STANDARDS

- Jaso GLV-1

### MANUFACTURER APPROVALS [1]

- Suitable for Toyota, Nissan, Mitsubishi, Mazda

[1] Please refer to car owner's manual

## TECHNOLOGY

### Eco-Science technology

**The effective engine care for maximized performance.**

*Eco-Science technology improves engine life and efficiency, it optimizes engine care and lowers fuel consumption.*

Eco-Science technology is the latest breakthrough from TotalEnergies Lubrifiants. Its cutting-edge hyperactive molecules are designed to instantly regenerate and reform themselves, resisting both physical and chemical degradation. Oil oxidation is minimized while fuel economy and engine performance are maximized.

Eco-Science technology offers long-lasting cleanliness and protection against ageing as well as significant fuel economies. Less fuel consumed translates to less carbon and particles emissions.

## APPLICATIONS

Quartz 9000 Xtra 0W-8 is an advanced synthetic engine oils that provides the best protection against wear and deposits.

This extremely fluid engine oil reduces internal friction within the engine as much as possible so that it can deliver full power, while at the same time generating fuel savings. Using this engine oil can help generate fuel savings without the need to change driving style. Quartz 9000 Xtra 0W-8 is also suitable for the most demanding driving conditions (door-to-door, sporty driving styles, repeated start-ups, city and motorway driving).

Quartz 9000 Xtra 0W-8 is particularly well-suited for use with the latest "Downsized" engines equipped with Stop & Start technologies and hybrid engines which require very fluid synthetic engine oils.

## CUSTOMERS BENEFITS

- Protection for pollution-control systems: With its low phosphorus content, this lubricant also optimizes the way in which three-way catalytic converters operate, preventing them from getting damaged through poisoning. This reduces NOx, HC and CO in particular.
- Engine protection and cleanliness: This oil offers the best possible protection in its category against wear and deposits as soon as the engine has started up.
- Easier cold starts: These low-viscosity grades, together with special additives, makes cold engine starts easier, even at very low temperatures.

## CHARACTERISTICS[2]

| TEST | UNIT | TEST METHOD | RESULT |
|---|---|---|---|
| **Viscosity grade** | - | SAE J300 | 0W-8 |
| **Kinematic viscosity at 40°C** | $mm^2/s$ | ASTM D445 | 24.8 |
| **Kinematic viscosity at 100°C** | $mm^2/s$ | ASTM D445 | 5.1 |
| **Density at 15°C** | $kg/m^3$ | ASTM D1298 | 844 |
| **Viscosity index** | - | ASTM D2270 | 140 |
| **Pour point** | °C | ASTM D97 | -39 |
| **OC Flash point** | °C | ASTM D92 | 235 |

[2] 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 https://ms-sds.totalenergies.com.

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

TotalEnergies