

## Meta

Are you wondering if Quaker State Synthetic Oil is good for your car? This article delves into a comprehensive analysis of Quaker State Synthetic Oil, aiming to provide readers with an informed perspective on its effectiveness and quality.

## Is Quaker State Synthetic Good Oil?

**Quaker State Oil has a variety of oil under their current offerings and has been a common choice amongst car owners despite being a not so known manufacturer.**

**Among the variety of oils they offer, Quaker State also makes synthetic oils which have garnered outstanding ratings evident from retailers such as Amazon and their [official website](#). Synthetic oils made by Quaker State have also gained prominence for their advanced formulation, purported benefits, and affordability, which is crucial in lowering vehicle maintenance costs.**

**Is Quaker State Synthetic good oil? In this article, we take an unbiased approach to examining the qualities, advantages, and disadvantages of Quaker State synthetic oils. By doing so, you'll gain valuable insights into the oil's performance, durability, and benefits of using any Quaker State synthetic oils.**

**Should you use Quaker State Synthetic Oil in your car? Read on and find out.**

## Is Quaker State Synthetic Good Oil?

Quaker State synthetic oil is formulated to provide ultimate wear protection, enhance fuel economy and reduce friction to maximize horsepower. In addition, the oils have additives that enable them to have high oxidation resistance, thus keeping the oils fresher for longer and have excellent protection against the formation of sludge and harmful deposits in the engine. Quaker State also ensures all synthetic oils have superior lubrication and pumpability at high and low temperatures.

By now, you should be convinced that Quaker State synthetic oils are good, but there's more. Individual synthetic oils made by Quaker State have bespoke properties that set them apart from other synthetic oils. For example, Quaker State high-mileage oil has additives that condition seals and gaskets to prevent and reduce leaks.

In the following sections, we dive further into analyzing the specifications of Quaker State synthetic oils, which should enable you to decide whether to use them in your car. Also, read on to know the advantages and limitations of using Quaker State synthetic oils. But first, who makes Quaker Synthetic oils?

### Summary

Quaker State synthetic oils offer increased fuel economy, reduce friction to maximize horsepower and other attributes which are more than enough to qualify them as good oils.

## Who Makes Quaker State Synthetic Oil?

Quaker Synthetic Oil is made by Quaker State Oil, which specializes in American-made oil. The company was originally an independent company before being owned by Pennzoil and is currently owned by Shell Oil Company which bought Pennzoil.

Quaker State Oil falls under Shell's SOPUS (Shell Oil Products US) umbrella. Shell Oil Products US has other top-quality oil brands in its portfolio, including Shell Rotella, Shell Tellus, Shell Rimula, Jiffy Lube, and Shell Spirax. In addition to synthetic oil, Quaker State Oil also makes conventional(mineral/regular) oils, regular oil filters, Performax oil filters, synthetic Automatic Transmission Fluids (ATFs), and 2-cycle engine oils.

## [Quaker Synthetic Oil](#)

### Summary

Quaker State synthetic oil is made by Quaker State Oils, which is part of quality oil brands under Shell Oil Products US (SOPUS).

## Which Synthetic Oils Does Quaker State Make?

Quaker State Oils makes fully synthetic oils in different viscosity grades, and some oils have bespoke properties to suit the intended usage. Here's a brief overview of each oil's properties and specifications.

Oil Name	Formulation	Individual Properties	Available Viscosities
Quaker State Full Synthetic Oil	Full Synthetic	Has additives that provide extreme temperature Protection.	5W20, 5W30, 0W20 and 10W30
Quaker State Euro Full Synthetic Oil	Full Synthetic	Has additives that provide extreme temperature Protection and meets specific euro car manufacturer approvals.	5W40, LX 0W30 and L 5W30
Quaker State High Mileage Full Synthetic Oil	Full Synthetic	Has additives that provide extreme temperature protection and conditions seals to prevent and reduce leaks.	0W20, 5W20 and 5W30
Quaker State Ultimate Protection Full Synthetic Motor Oil		Provides ultimate wear protection, high oxidation resistance and reduces friction to maximize horsepower among others.	0W20, 5W20, 5W30 and 10W30.

All Quaker State Synthetic Oils have properties that protect the engine against wear and combats engine sludges and deposits and also have a high resistance to breakdown. All oils, except the synthetic blends, provide extreme temperature protection. The following is a detailed writeup of each oil's properties, recommended usage, and industry standards and recommendations.

### Quaker State Full Synthetic Oil

#### Oil Type

Quaker State full synthetic oil is a full synthetic oil made from fully synthetic base oils. It is formulated to work best in modern engines in passenger cars, with properties that make it stand out from other oils in the industry.

#### Available Viscosities Grades

Quaker State Full Synthetic oil is made in four viscosity grades as per the SAE (Society of Automotive Engineers) viscosity grading system. These are SAE 5W20, SAE 5W30, SAE 0W20, and SAE 10W30.

Here are the viscosity properties of each Quaker State fully synthetic oil:

- Quaker State full synthetic SAE 5W20 full synthetic oil has a viscosity index of 157, kinematic viscosity of 46.76 at 40°C and 8.41 at 100°C, a pour point of -48°C and a flash point of 235°C.
- Quaker State full synthetic SAE 5W30 oil has a viscosity index of 170, kinematic viscosity of 66.65 at 40°C and 11.60 at 100°C, a pour point of -50° and a flash point of 234°C.
- Quaker State full synthetic SAE 0W20 oil has a viscosity index of 165, kinematic viscosity of 44.61 at 40°C and 8.33 at 100°C, a pour point of -52°C and a flash point of 239°C.
- Quaker State full synthetic SAE 10W30 oil has a viscosity index of 150, kinematic viscosity of 67.11 at 40°C and 10.76 at 100°C, a pour point of -54°C and a flash point of 240°C.

#### Properties

All Viscosity grades that Quaker State offers in their full synthetic oil range have additives that reduce friction to maximize horsepower and protect the engine against the formation of sludge and harmful deposits. Quaker State synthetic oils lower maintenance and running costs as they have additives that enhance fuel economy and performance.

Another way Quaker State synthetic oils lower maintenance costs is that they also have longer change intervals due to the presence of anti-oxidants. The anti-oxidants keep the oil fresher for longer by increasing the oxidative resistance of the base oil.

Lastly, Quaker State Oils ensures that all oils in the full synthetic oil range work in a wide range of temperatures. This is done by formulating the oil with additives that provide superior lubrication flow and pumpability at high and low temperatures.

### Applications

Quaker State synthetic oils are recommended for use in a wide variety of engines ranging from those in light passenger vehicles to commercial vehicles. They are also compatible with hybrid vehicle engines and engines that use advanced fuels ranging from E10 to E85 and can be used in cars driven in extreme hot and cold temperatures.

### Approvals and Recommendations

Quaker State SAE 5W20, SAE 5W30, and SAE 0W20 full synthetic oils meet the following approvals and recommendations:

- Chrysler MS 6395
- General Motors dexos1 Gen 3 (License D335EJDG014 for SAE 5W20, D335AIDB014 for SAE 5W30 and D335BBDH800 for SAE 0W20).
- Ford WSS-M2C960-A1 for SAE 5W30, WSS-M2C961-A1 for SAE5W30, and WSS-M2C962-A1 for SAE 0W20.
- API SP resource conserving, API SN PLUS, and all previous categories.
- ILSAC GF-6A and all previous ILSAC standards.

Quaker State SAE 10W30 full synthetic oil meets the following approvals and recommendations:

- Chrysler MS 6395.
- General Motors 6490M.
- API SP resource conserving and all previous categories.
- ILSAC GF-6A and all previous ILSAC standards.

### Quaker State Euro Full Synthetic Oil

#### Oil Type

Quaker State Euro Full Synthetic oil is a full synthetic oil formulated for use in select European cars.

#### Available Viscosities Grades

Three viscosity grades are offered in Quaker State's Euro full synthetic oil range 5W40, LX 0W30, and L 5W30. Here are the viscosity properties of each:

- Quaker State Euro Full Synthetic SAE 5W40 oil has a viscosity index of 167, kinematic viscosity of 80.8 at 40°C and 13.3 at 100°C, a pour point of -39°C and a flash point of 215°C.
- Quaker State Euro LX Full Synthetic SAE 0W30 oil has a viscosity index of 204, kinematic viscosity of 58.7 at 40°C and 11.9 at 100°C, a pour point of -51°C and a flash point of 226°C.
- Quaker State Euro Full Synthetic SAE 5W30 oil has a viscosity index of 189, kinematic viscosity of 70.2 at 40°C and 13 at 100°C, a pour point of -45°C and a flash point of 242°C.

#### Additives Properties

Quaker State Euro Full Synthetic oils have similar [additive properties](#) to regular full synthetic oils but with added protection required for European Vehicles.

Why is this? European vehicles often have specific requirements for engine oils due to the advanced engineering and technology used in their engines. These requirements ensure optimal performance, fuel efficiency, and engine longevity.

Also, European cars are made to meet stringent emission standards, and engine oil plays a significant role in minimizing emissions. Using Quaker State Euro full synthetic oil in Euro cars ensures that the cars pass emission tests and do not experience any emission-related problems.

## [What makes European oil different?](#)

### Applications

Quaker State Euro Full Synthetic oils work best in gasoline engine-powered Euro cars. But they also work perfectly in vehicles from other manufacturers, especially those with technologically advanced engines.

Can you use Quaker State Euro Full Synthetic oils during the winter? Yes. All viscosity grades work perfectly in cars driven in extreme temperatures, and they have superior lubrication flow and pumpability at high and low temperatures. Also, Quaker State Euro Full Synthetic SAE 5W30 oil can be used in diesel engines with diesel particulate filter technology as it has [low-SAPS formulation](#), which prevents DPF failure.

### Approvals and Recommendations

Quaker State Euro Full Synthetic SAE 5W40 oil meets the following approvals and recommendations:

- BMW LL-01
- Chrysler MS-10725, MS-10850, MS12991
- MB-Approval 229.3 and 229.5
- Porsche A40
- Volkswagen 502.00 and 505.00
- Fiat 9.55535.Z2 and 9.55535.N2
- API SP and all previous categories
- ACEA A3/B3 and A3/B4

Quaker State Euro Full Synthetic SAE 0W30 oil meets the following approvals and recommendations:

- Volkswagen 504.00 and 507.00
- Porsche C30
- MB-Approval 229.31, 229.51, 229.52
- Fiat 9.55535.DS1 and 9.55535.GS1
- Chrysler MS-90047
- AP1 SN and all previous categories
- ACEA C2, C3

Quaker State Euro Full Synthetic SAE 5W30 oil meets the following approvals and recommendations:

- BMW LL-04
- Chrysler MS-11106
- MB-Approval 229.31 and 229.51
- AP1 SN and all previous categories
- ACEA C3

### Quaker State High Mileage Full Synthetic Oil

As the name suggests, Quaker State high mileage full synthetic oil is a full synthetic oil made for high mileage cars with miles north of 75,000 miles.

### Available Viscosities Grades

Quaker State high mileage full synthetic oil is available in three viscosity grades, 0W20, 5W20 & 5W30, with each oil having viscosity properties as follows:

- Quaker State high mileage full synthetic 0W20 oil has a viscosity index of 166, kinematic viscosity of 45.71 at 40°C and 8.51 at 100°C, a pour point of -50°C and a flash point of 215°C.
- Quaker State high mileage full synthetic 5W20 oil has a viscosity index of 157, kinematic viscosity of 46.22 at 40°C and 8.42 at 100°C, a pour point of -54°C and a flash point of 229°C.
- Quaker State high mileage full synthetic 5W30 oil has a viscosity index of 170, kinematic viscosity of 60.71 at 40°C and 10.77 at 100°C, a pour point of -48°C and a flash point of 212°C.

### Additives Properties

Quaker State high mileage full synthetic oil is formulated for high mileage vehicles, specifically for vehicles with more than 75,000 miles.

It has additives that condition the seals to prevent leaks, reduce oil burn-offs and reduce oil consumption which are the issues that occur in older cars with high-mileage engines. It also has additives similar to other Quaker State fully synthetic oils, including fuel economy enhancers, anti-oxidants, dispersants, and friction reducers.

### Applications

You can use Quaker State high mileage fully synthetic oil in any new or old vehicle requiring SAE 0W20 oil.

It's also possible to use it in technologically advanced engines, hybrid engines, and engines using advanced fuels ranging from E10 to E85. Does using Quaker State high mileage fully synthetic oil in a low mileage car cause issues? No. Doing so does not negatively affect the engine's performance and the oil's efficiency.

### Approvals and Recommendations

Quaker State high mileage full synthetic SAE 0W20, 5W20, and 5W30 oils meet the following approvals and recommendations:

- Chrysler MS-6395.
- Ford WSS-M2C947-A and WSS-M2C947-B1 for SAE 0W20, WSS-M2C945-A and WSS-M2C945-B1 for SAE 5W20 and WSS-M2C946-A and WSS-M2C946-B1 for SAE 5W30 Quaker State high mileage full synthetic oil.
- API SP resource conserving and all previous categories.
- ILSAC GF-6A.

Source; [QuakerState.com](https://www.quakerstate.com)

### Quaker State Ultimate Protection Full Synthetic Motor Oil

Last but not least, Quaker State also makes Ultimate Protection Full Synthetic Motor Oil, the best full synthetic motor oil in the Quaker State Family of products. It is specially formulated to provide engine protection for modern and turbocharged engines.

### Available Viscosities Grades

Quaker State Ultimate Protection Full Synthetic Motor Oil is available in four viscosity grades: 0W20, 5W20, 5W30, and 10W30.

- Quaker State Ultimate Protection Full Synthetic 0W20 Motor Oil has a viscosity index of 165 kinematic viscosity of 44.8 at 40°C and 8.4 at 100°C, a pour point of -48°C and a flash point of 241°C.
- Quaker State Ultimate Protection Full Synthetic 5W20 Motor Oil has a viscosity index of 156 kinematic viscosity of 46.3 at 40°C and at 8.3 100°C, a pour point of -48°C and a flash point of 235°C.
- Quaker State Ultimate Protection Full Synthetic 5W30 Motor Oil has a viscosity index of 173 kinematic viscosity of 66.4 at 40°C and 11.7 at 100°C, a pour point of -42°C and a flash point of 237°C.
- Quaker State Ultimate Protection Full Synthetic 10W30 Motor Oil has a viscosity index of 152 kinematic viscosity of 67.0 at 40°C and 10.8 at 100°C, a pour point of -54°C and a flash point of 240°C.

### Additives Properties

Quaker State Ultimate Protection Full Synthetic Motor Oils provide ultimate wear protection, ensuring the engine retains its efficiency and keeps it reliable for longer. Oil change intervals are maximized through their high oxidation resistance. This keeps the oil fresher for longer, offering protection for up to 20,000 miles or one year, whichever comes first.

Also keeping the oil fresh are the dispersants and detergents. These enable Quaker State Ultimate Protection Full Synthetic Motor Oils to offer excellent protection against the formation of sludge and harmful deposits. Using Quaker State Ultimate Protection Full Synthetic Motor Oils guarantees maximum power delivery as the oils reduce friction to maximize horsepower. However, this will not affect fuel economy since the oils also have fuel economy enhancers, which provide improved fuel economy.

Lastly, Quaker State Ultimate Protection Full Synthetic Motor Oils work in a wide range of temperatures. They also have superior lubrication flow and pumpability at high and low temperatures.

### Applications

Quaker State Ultimate Protection Full Synthetic Motor Oils are recommended for new and older, especially high-performance vehicles. However, check the viscosity grade and other oil requirements the manufacturer recommends for your car before using.

### Approvals and Recommendations

Quaker State Ultimate Protection Full Synthetic 0W20 Motor Oil meets or exceeds the following industry and OEM specifications requirements.

- GM dexos 1 Gen 3
- Chrysler MS-6395
- Ford WSS-M2C962-A
- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC standards

Quaker State Ultimate Protection Full Synthetic 5W20 Motor Oil meets or exceeds the following industry and OEM specifications requirements.

- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC standards
- Ford WSS-M2C960-A
- Chrysler MS-6395
- GM 6094M

Quaker State Ultimate Protection Full Synthetic 5W30 Motor Oil meets or exceeds the following industry and OEM specifications requirements.

- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC standards
- Ford WSS-M2C961-A
- Chrysler MS-6395, MS-13340
- GM 6094M
- GM dexos 1 Gen 3

Quaker State Ultimate Protection Full Synthetic 10W30 Motor Oil meets or exceeds the following industry and OEM specifications requirements.

- Chrysler MS-6395
- GM 6094M
- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC standards

### Pros and Cons of Quaker State Synthetic Oil

#### Pros

1. **Affordable:** Compared to several synthetic oils, Quaker State Synthetic oils are cheaper and thus offer better value for money since they have better, if not the same, synthetic oil properties.
2. **Multiple Formulations Availability:** Quaker State synthetic oils are available in multiple formulations for each oil type, thus ensuring compatibility in a wide range of vehicle makes and models.
3. **Reduces Maintenance Costs:** Quaker State synthetic oils have longer oil change intervals thanks to their fully synthetic formulations, which help lower maintenance costs. These oils also have fuel enhancers that improve fuel economy. And anti-oxidants that prevent oil breakdown and thickening, thus keeping oil in the engine for longer.

## Cons

From our assessment, we did not find any limitations or disadvantages to using Quaker State synthetic oil.

The only minor disadvantage is that you'll incur transitional costs when switching oils from conventional engine oil to Quaker State synthetic oil. This is because synthetic oils are slightly costlier, and you'll have to flush your engine to prevent new oil contamination. We couldn't list this as a disadvantage, as it happens with all synthetic oils regardless of the brand.

## Should You Use Quaker State Synthetic Oil?

Yes. If you can get your hands on Quaker State synthetic oil, you should use it. It offers excellent engine protection, enhanced fuel economy, longer change intervals, and seal and gasket conditioning. All Quaker State synthetic oils also have excellent dispersant and anti-oxidant properties, ensuring the engine oil remains fresher for longer during the recommended usage mileage for your car.

Which Quaker State synthetic oil should you use? Quaker State synthetic oils are suited for most modern and old vehicles, but individual formulations have bespoke properties that might enhance the oil's effectiveness. For example, if you have a car with over 75,000 miles, it's best to use the Quaker State high mileage full synthetic oil. And if you have a Euro car, the best Quaker State Oil is the Quaker State Euro full synthetic oil.

## **Summary**

Quaker State synthetic oil is one of the best synthetic oils on the market. It offers excellent engine protection and prevents the formation of sludges and deposits. Quaker State synthetic oils also offer increased fuel efficiency and longer change intervals, translating to lesser maintenance costs in the long run.

## FAQs

Is Quaker State oil synthetic?

Not all Quaker State oils are synthetic. In addition to full synthetic oils, Quaker State also makes conventional and synthetic blend oils.

How long does Quaker State synthetic oil last?

Quaker State Oils does not recommend any specific change intervals for their oils. But they provide a warranty for their oils at 300,000 miles or ten years, whichever comes first.

Where is Quaker State oil made?

Quaker State Oil is made at the company's headquarters in Houston, Texas.

## Verdict

Through a comprehensive examination of its formulation and performance, Quaker State synthetic oils are reliable and high-quality choice oils for modern engines. Also, many users have reported positive experiences, including improved engine protection, longer change intervals and enhanced fuel efficiency, which answers whether Quaker State synthetic oil is good.