

Carlube Triple R 0W-20 Fully Synthetic R-Tec 4

Technical
Data Sheet



Enhanced Performance and Improved Fuel-efficiency

Carlube Triple R 0W-20 R-Tec 4 is a fully synthetic engine oil formulated to improve fuel efficiency and provide enhanced engine and catalyst protection for modern engines requiring a low viscosity engine oil.

Why Carlube Triple R 0W-20 R-Tec 4 is an Engine Oil with Enhanced Performance and Improved Fuel-efficiency

Carlube Triple R 0W-20 R-Tec 4 has been formulated to meet API SN and ILSAC GF-5 specifications. An oil meeting these demanding specifications must demonstrate a range of performance parameters.

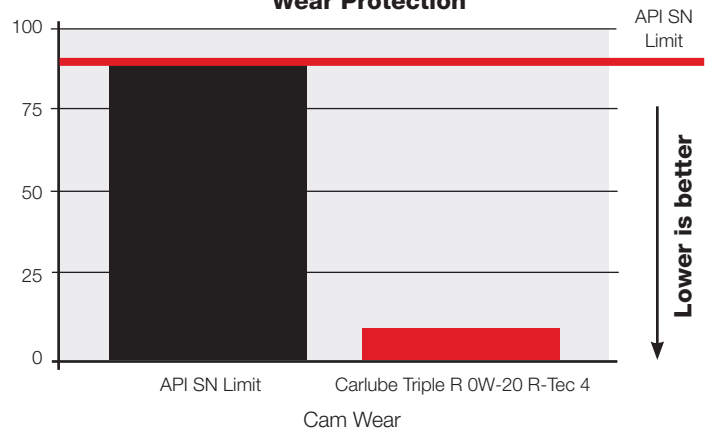
Carlube Triple R 0W-20 R-Tec 4 delivers excellent performance in both engine protection and cleanliness. It provides high temperature deposit protection for pistons and turbochargers whilst improving sludge control. Additional benefits include enhanced fuel-efficiency and ethanol fuel compatibility.

Carlube Triple R 0W-20 R-Tec 4 has been developed with an array of distinct additives to maintain full vehicle performance, resulting in longer vehicle life. Some traditional oils contain higher levels of zinc and phosphorous, which may cause damage and



Carlube - The Heartbeat of your Engine

Wear Protection



blocking of the catalyst. The combination of quality base oils and an innovative additive system used within Carlube Triple R 0W-20 R-Tec 4 improves catalyst durability as it contains less phosphorous therefore reducing catalyst poisoning by keeping the catalysts clean and working for longer. This lubricant provides another key benefit to the vehicle owner by helping to convert harmful, environment-damaging particles into less harmful emissions.

The Sequence IVA engine test is designed to measure an engine oil's ability to prevent valve train wear encountered during 'stop and go' or short trip driving conditions and extended idling. In this engine test, Carlube Triple R 0W-20 R-Tec 4 provided over 80% more wear protection compared to the API SN test limits.

Customers using Carlube Triple R 0W-20 R-Tec 4 will benefit from improved fuel-efficiency and enhanced engine and catalyst protection.



Carlube Triple R 0W-20 Fully Synthetic R-Tec 4 Performance Specifications

Carlube Triple R 0W-20 R-Tec 4 exceeds the ACEA API SN specification and durability performance requirements.

| Issuing Body | Performance Specification |
|--------------|---------------------------|
| API | SN |
| ILSAC | GF-5 |

API SN is designed to provide improved high temperature deposit protection for pistons, more stringent sludge control and enhanced seal compatibility performance. Carlube Triple R 0W-20 R-Tec 4 also exceeds the ILSAC GF-5 specification and by combining this with API SN performance this engine oil also offers improved fuel economy, turbocharger protection, emission control system compatibility and enhanced protection of engines operating on ethanol-containing fuels up to E85.



Product Reference

| Size | Part No | Barcode |
|-----------|---------|---------------|
| 1 Litre | KEC001 | 5010373117774 |
| 5 Litre | KEC005 | 5010373117781 |
| 60 Litre | KEC060 | 5010373117798 |
| 199 Litre | KEC199 | 5010373117804 |

Properties

| Property | Result | |
|--|--------|------|
| SAE Viscosity Grade | 0W-20 | |
| Density @ 15°C (g/mL) | 0.8470 | |
| Kinematic Viscosity (mm ² /s) | @40°C | 45.8 |
| | @100°C | 8.6 |
| Viscosity Index (VI) | 169 | |
| Pour Point (°C) | -48 | |
| Flash Point (°C) | 222 | |
| Sulphated Ash (%) | 0.9 | |

Environmental Protection & Safety Precautions

Do not pour used surplus oil down sewers or drains. Dispose of used or surplus oil at your nearest oil recycling bank. Dispose of empty packs in a responsible manner. Store container in an upright position and secure when transported. Wear goggles if splashing risk. Avoid exposure to oil mist. When using oil do not eat, drink or smoke. Wash hands after use.

Disclaimer

This Product Information Sheet does not constitute to any extent a fitness for purpose warranty or a quality specification. It is intended to be indicative only of the general characteristics of the product(s) and may not be relied upon (in whole or in part) in substitution of nor as a supplement to any of the information and/or instructions and/or warnings set out on the product(s) and/or on any packaging and/or in the relevant Safety Data Sheet (which is available on request).

Users of a product marked "For Professional Use Only" are deemed to declare and acknowledge for themselves professional levels of skill, knowledge, competence and experience in the selection and use of such product(s).

Product Information Sheets are updated from time to time and inquiries should be made on a regular basis to ensure that this is the latest version available.