

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 SP and ILSAC GF-6A 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

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 IVB 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 40% more wear protection compared to the API SP test limits.

Carlube Triple R 0W-20 R-Tec 4 has also been tested for its ability to mitigate low-speed, pre-ignition (LSPI) using the Sequence IX test. This test evaluates an engine's ability to mitigate pre-ignition under low-speed, high-load conditions. If pre-ignition occurs it can be catastrophic for the engine so mitigation is key. Carlube Triple R 0W-20 R-Tec 4 performs well in this test, showing LSPI protection.

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



Carlube - The Heartbeat of your Engine

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

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

Issuing Body	Performance Specification
API	SP
ILSAC	GF-6A

API SP is designed to provide improved protection against low-speed pre-ignition (LSPI), more stringent sludge control and improved high temperature deposit protection for pistons. Carlube Triple R 0W-20 R-Tec 4 also meets the ILSAC GF-6A specification which when combined with API SP performance means that this engine oil also offers improved fuel economy, 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)	0.8448	
Kinematic Viscosity (mm ² /s)	@40°C	41.4
	@100°C	8.0
Viscosity Index (VI)	169	
Pour Point (°C)	-48	
Flash Point (°C)	224	
Sulphated Ash (%)	0.82	

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.