



### Enhanced Performance and Improved Fuel-efficiency

Carlube Triple R 5W-20 R-Tec 15 is a fully synthetic engine oil developed to provide enhanced engine and catalyst protection, as well as improved fuel efficiency for modern engines requiring a low viscosity engine oil.

### Why Carlube Triple R 5W-20 R-Tec 15 is an Engine Oil with Enhanced Performance and Improved Fuel-efficiency

Carlube Triple R 5W-20 R-Tec 15 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 5W-20 R-Tec 15 has been formulated to meet API SP and ILSAC GF-6A specifications. This highlights the strong level of performance and protection provided by this oil.

Carlube Triple R 5W-20 R-Tec 15 contains high quality additive technology to provide full engine and emission system protection. The additives provide advanced protection for the emission system as it contains less phosphorous and consequently reduces catalyst poisoning, keeping the catalysts clean and working for longer. This also results in less harmful emissions being released into the atmosphere.

Carlube Triple R 5W-20 R-Tec 15 maintains cleanliness within the engine, minimising deposits and controlling sludge formation to keep vital components such as the pistons and turbocharger clean. Deposits and sludge within the engine can cause a variety of issues, such as reduced fuel economy, loss of performance, and reduced catalyst and engine life.

As part of the API SP approval, oils must pass a Sequence IVB engine test; this is designed to measure an engine oil's ability to prevent valve train wear encountered during extended idling. In this engine test, Carlube Triple R 5W-20 R-Tec 15 provided over 40% more wear protection when compared to the API SP test limits.

Carlube Triple R 5W-20 R-Tec 15 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 5W-20 R-Tec 15 performs well in this test, showing LSPI protection.

**Customers using Carlube Triple R 5W-20 R-Tec 15 will benefit from enhanced engine and catalyst protection, as well as improved fuel-efficiency.**



## Carlube Triple R 5W-20 Fully Synthetic R-Tec 15 Performance Specifications

Carlube Triple R 5W-20 R-Tec 15 exceeds the API SP specification 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 5W-20 R-Tec 15 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	KFG001	5010373117811
5 Litre	KFG005	5010373117828

### Properties

Property	Result
SAE Viscosity Grade	5W-20
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C
	@100°C
Viscosity Index (VI)	150
Sulphated Ash (%)	0.77

#### 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.