



### Delivers All-round Protection and Performance, with Fuel Economy Benefits

Carlube Triple R 5W-30 R-Tec 20 is a fully synthetic, mid SAPS (Sulfated Ash, Phosphorus and Sulfur) engine oil formulated to provide optimum durability for the latest generation of petrol and diesel engines. Especially suitable for vehicles fitted with aftertreatment devices such as Diesel Particulate Filters (DPFs), Exhaust Gas Recirculation (EGR) or Selective Catalyst Reduction (SCR) systems.

### Why Carlube Triple R 5W-30 R-Tec 20 is an All-round Protecting Engine Oil

Carlube Triple R 5W-30 R-Tec 20 has been developed to surpass the specifications of many key vehicle manufacturers, addressing the concerns of vehicle owners. It meets ACEA C3 and the Daimler MB 229.52 specifications, as well as those of other leading vehicle manufacturers, offering extensive performance and protection.

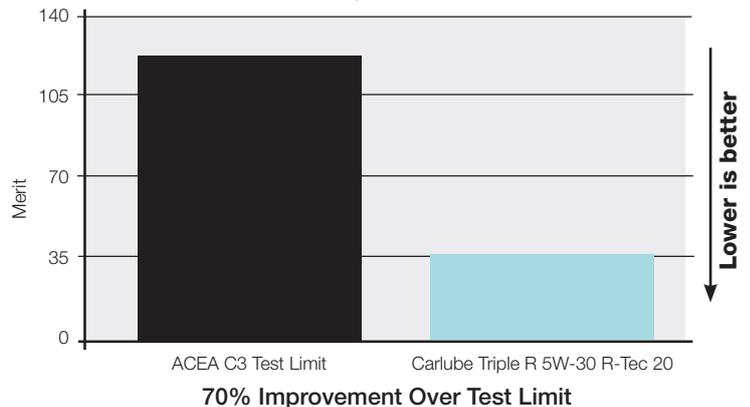
Carlube Triple R 5W-30 R-Tec 20 is a fully synthetic engine oil developed with the very latest synthetic technology for today's modern vehicle requirements. Fully synthetic engine oils offer increased engine protection and longer engine life, reduced friction and enhanced lubrication during extreme chilly weather starts and increased fuel economy.

With ever increasing fuel prices, it is important to use an engine oil that provides fuel economy benefits. Results of the CEC M111 fuel economy test show that Carlube Triple R 5W-30 R-Tec 20 can improve your vehicle's fuel economy performance by up to 2.1%, reducing operating costs for vehicle owners.

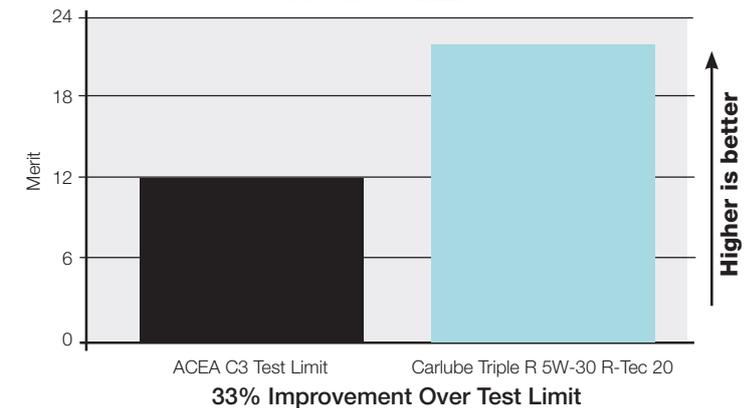
Additionally, Carlube Triple R 5W-30 R-Tec 20 delivers optimum engine durability. Its excellent flow properties allow it to quickly reach and lubricate key engine components, maximising wear protection. It provides over 60% more wear protection compared to the ACEA C3 test limits, maximising engine life and performance.

Customers using Carlube Triple R 5W-30 R-Tec 20 will benefit from all-round protection and performance for the engine and aftertreatment devices, as well as providing fuel savings.

**Average Cam Wear**



**Piston Cleanliness**



## Carlube Triple R 5W-30 Fully Synthetic R-Tec 20 Performance Specifications

Issuing Body	Performance Specification
ACEA	C3
API	SN Plus
BMW	LL-04
DAIMLER	MB 229.31/229.51/229.52

The chart below shows a comparison of engine oil specifications, ACEA C3 specification and Daimler MB 229.52. This demonstrates the significant additional performance in protection, cleanliness and fuel economy offered by the MB 229.52 specification

**C3 and MB 229.52 Performance**



### Product Reference

Size	Part No	Barcode
1 Litre	KVB001	5010373118429
5 Litre	KVB005	5010373106372
20 Litre	KVB020	5010373106389
60 Litre	KVB060	5010373119471
199 Litre	KVB199	5010373106396
500 Litre	KVB500	N/A
1000 Litre	KVB100	N/A

### Properties

Property	Result	
SAE Viscosity Grade	5W-30	
Density @ 15°C (g/mL)	0.8519	
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C	69.2
	@100°C	12.0
Viscosity Index (VI)	171	
Pour Point (°C)	-36	
Flash Point (°C)	232	
Sulphated Ash (%)	0.7	

#### 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.