



### Premium Protection and Cold Temperature Performance

Carlube Triple R 5W-40 R-Tec 27 is a super-clean, ultra-high performing low SAPS (low in Sulfated Ash, Phosphorus and Sulfur) passenger car engine oil, designed to maintain engine efficiency by protecting against deposit formation, thereby ensuring piston cleanliness.

One common problem for engines is deposit formation in the top ring groove in pistons, resulting in a poor seal between the piston ring and the liner, contributing to blow-by and lower combustion efficiencies. Carlube Triple R 5W-40 R-Tec 27 has been formulated to keep the piston ring grooves clean and free of deposits for as long as possible to support efficient combustion chamber performance preventing piston blow-by.

While engine cleanliness is of high priority, Carlube Triple R 5W-40 R-Tec 27 also demonstrates high levels of durability and component wear protection. As a result component clearances and tolerances are maintained for as long as possible, further enabling engine efficiencies and ensuring the most power is extracted from the fuel for the maximum length of time.

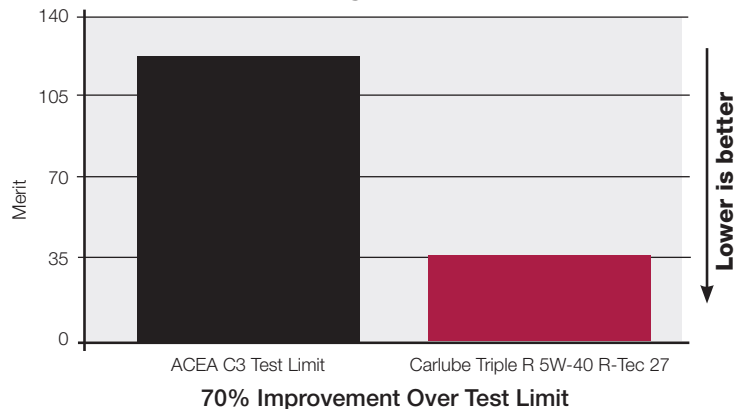
### Performance Benefits

Further to the benefits outlined above, Carlube Triple R 5W-40 R-Tec 27 has been developed with low SAPS to protect expensive aftertreatment devices. Incorrect lubricants can quickly block Diesel Particulate Filters (DPFs) and poison Selective Catalyst Reduction (SCRs) devices, increasing exhaust backpressures and increasing exhaust emissions. Carlube Triple R 5W-40 R-Tec 27 is fully compatible with exhaust aftertreatment devices, supporting lower emissions and preventing expensive replacement costs or service bills.

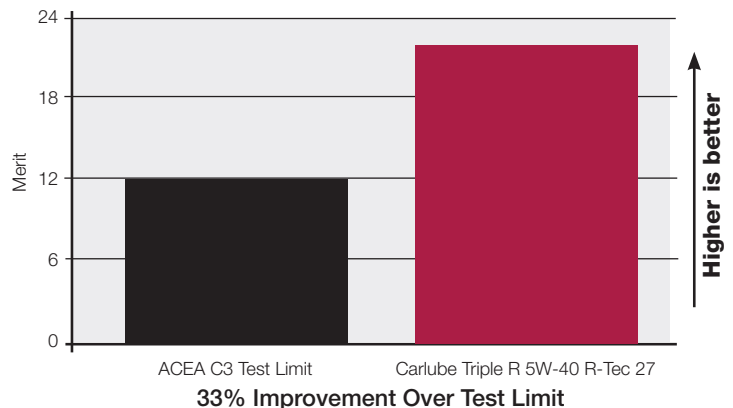
Carlube Triple R 5W-40 R-Tec 27 surpasses the performance requirements of ACEA C3 in some circumstances, extending oil drain intervals up to 20,000kms when recommended by the manufacturer's handbook.

Tested at temperatures as low as -39°C, Carlube Triple R 5W-40 R-Tec 27 performs in cool climates when engines are at the most risk. It remains viscous and fluid and able to flow to the most vulnerable areas of an engine during the cold winter months in Northern Europe and beyond.

**Average Cam Wear**



**Piston Cleanliness**



Carlube Triple R 5W-40 R-Tec 27 provides protection, durability and performance.

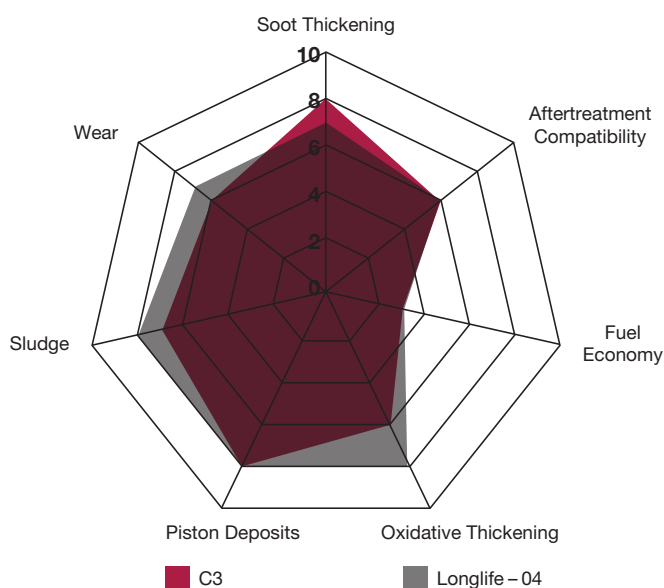


## Carlube Triple R 5W-40 Fully Synthetic R-Tec 27 Performance Specifications

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

The chart below shows a comparison of engine oil specifications, ACEA specification C3 and BMW LL-04. This demonstrates the strong all round protection and cleanliness performance offered by Carlube Triple R 5W-40 R-Tec 27.

**C3 and Longlife - 04 Performance**



### Product Reference

Size	Part No	Barcode
1 Litre	KBZ001	5010373106440
5 Litre	KBZ005	5010373106457
20 Litre	KBZ020	5010373106464
60 Litre	KBZ060	5010373117125
199 Litre	KBZ199	5010373106471
500 Litre	KBZ500	N/A
1000 Litre	KBZ100	N/A

### Properties

Property	Result	
SAE Viscosity Grade	5W-40	
Density @ 15°C (g/mL)	0.8527	
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C	71.2
	@100°C	12.4
Viscosity Index (VI)	175	
Pour Point (°C)	-36	
Flash Point (°C)	246	
Sulphated Ash (%)	0.8	

#### 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.