

# Carlube Triple R 10W-40 Semi Synthetic R-Tec 31

Technical  
Data Sheet



## Solid, Reliable and Robust

Carlube Triple R 10W-40 R-Tec 31 is a trusted and reliable engine oil. It delivers excellent wear protection and cleanliness whilst preventing the damaging processes of corrosion and oxidation. This oil is suitable for use in a wide range of passenger car engines.

## Performance Benefits

Proven performance is an understatement with Carlube Triple R 10W-40 R-Tec 31 as this engine oil has been thoroughly tested against American and European industry-wide specifications and criteria. The oil has then showed its high quality when tested against more than ten other engine and vehicle manufacturers to verify the engine oil's performance in a variety of equipment and situations.

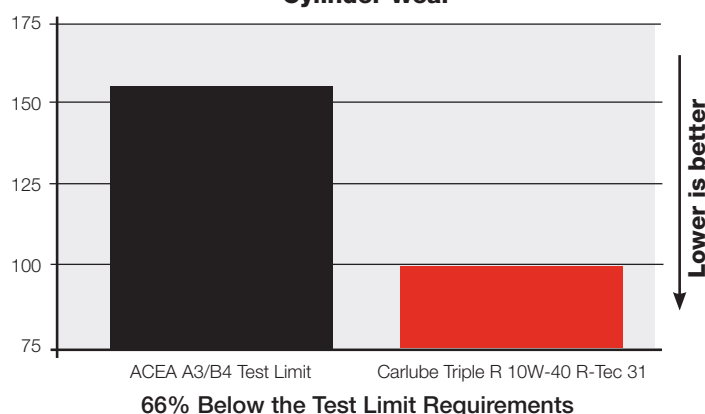
Created using a wealth of experience, testing and expertise, Carlube Triple R 10W-40 R-Tec 31 boasts superior wear protection, delivering 37% less cam wear and an impressive 64% less cylinder wear when compared to the stringent ACEA A3/B4 specification. By lubricating and protecting key components, even on start-up, Carlube Triple R 10W-40 R-Tec 31 maximises engine life and performance.

Carlube Triple R 10W-40 R-Tec 31 also delivers enhanced piston cleanliness, minimising ring-sticking which can result in premature engine wear and blow-by. Within engines, deposits can negatively impact fuel economy, performance and ultimately the life of your engine. Furthermore, Carlube Triple R 10W-40 R-Tec 31 reduces engine sludge by up to 14%, ensuring key components are kept cool, lubricated and working at their maximum potential.

Tested at temperatures as low as -39°C, Carlube Triple R 10W-40 R-Tec 31 performs even when engines are coldest, and in cool climates when engines are at the most risk. Maintaining excellent oil flow to the most vulnerable areas of an engine during the cold winter months in Northern Europe and beyond, Carlube Triple R 10W-40 R-Tec 31 protects engines from wear and corrosion all year round.

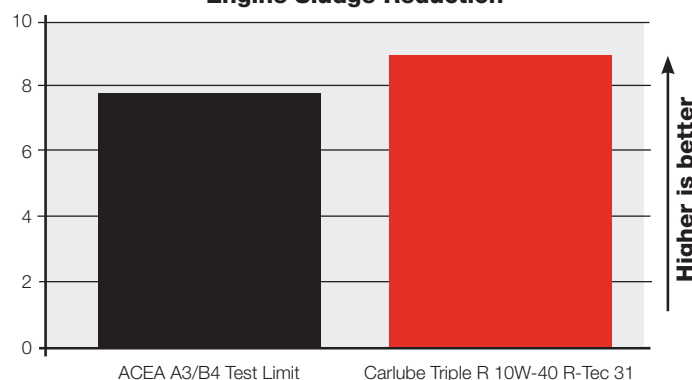
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Cylinder Wear



66% Below the Test Limit Requirements

Engine Sludge Reduction



14% Improvement Over Test Limit



**Carlube - The Heartbeat of your Engine**

## Carlube Triple R 10W-40 Semi Synthetic R-Tec 31 Performance Specifications

Issuing Body	Performance Specification
ACEA	A3/B3, A3/B4
API	SN
DAIMLER	MB 229.1
VOLKSWAGEN	VW 50101/50500
RENAULT	RN0700



### Product Reference

Size	Part No	Barcode
1 Litre	KBN001	5010373116692
5 Litre	KBN005	5010373116708
20 Litre	KBN020	5010373116715
60 Litre	KBN060	5010373116722
199 Litre	KBN199	5010373116739
500 Litre	KBN500	N/A
1000 Litre	KBN100	N/A

### Properties

Property	Result
SAE Viscosity Grade	10W-40
Density @ 15°C (g/mL)	0.8702
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C 93.9 @100°C 14.0
Viscosity Index (VI)	152
Pour Point (°C)	-39
Flash Point (°C)	232
Sulphated Ash (%)	1.2

#### 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.