



### Advanced Protection for Aftertreatment Systems with Increased Fuel Economy Benefits

Carlube Triple R 5W-30 R-Tec 24 is a fully synthetic, lower SAPS (Low in Sulfated Ash, Phosphorus and Sulfur) engine oil designed to deliver advanced protection for the latest generation of petrol or diesel engines.

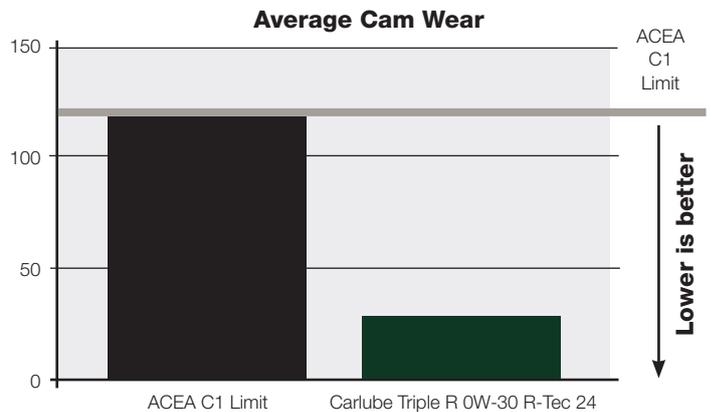
### Performance Benefits

Carlube Triple R 5W-30 R-Tec 24 has been specially developed to meet and exceed the ACEA C1 specification. Engine oils meeting the C1 specification will increase the life of aftertreatment devices and improve the vehicle's fuel economy.

Carlube Triple R 5W-30 R-Tec 24 is a low SAPS engine oil meeting the latest European emission standards. It is designed to reduce particulate build-up in exhaust aftertreatment systems

Carlube Triple R 5W-30 R-Tec 24 provides reduced levels of SAPS even when compared to the stringent limits of the ACEA C1 specification.

Using a non-low SAPS engine oil in a vehicle fitted with an aftertreatment device can severely damage the aftertreatment system. This can lead to the vehicle releasing harmful emissions into the environment and the creation of back pressure in the system, resulting in reduced fuel efficiency.



Today, emissions legislation, fuel economy requirements and the increasing use of alternative fuels demand that engine oils provide greater durability. Carlube Triple R 5W-30 R-Tec 24 delivers over 75% more protection against wear compared to the ACEA C1 industry test limits. The oil does not degrade under severe operating conditions and therefore minimises damage to engine components. Carlube Triple R 5W-30 R-Tec 24 provides enhanced durability, improved fuel economy as well as maximising the protection of the latest emission systems even when running on biofuels.

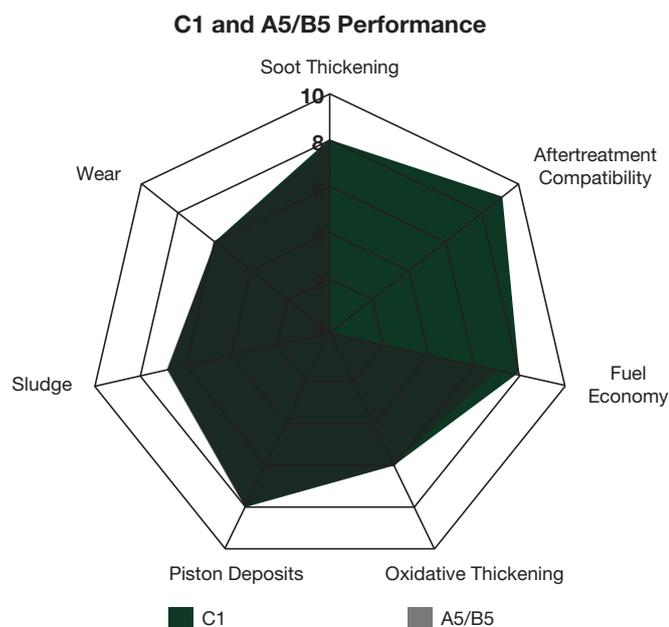
**Customers using Carlube Triple R 5W-30 R-Tec 24 will benefit from increased life of their aftertreatment device, enhanced engine durability and improved fuel economy.**



## Carlube Triple R 5W-30 Fully Synthetic R-Tec 24 Performance Specifications

Issuing Body	Performance Specification
ACEA	C1
JAGUAR LAND ROVER*	ST JLR.03.5005

The chart below shows a comparison of engine oil specifications, ACEA C1 vs ACEA A5/B5. This highlights that no aftertreatment compatibility is offered by the ACEA A5 specification and therefore using the correct oil is vital for long oil life and total vehicle protection.



### Product Reference

Size	Part No	Barcode
1 Litre	KCA001	5010373117132
5 Litre	KCA005	5010373117156
20 Litre	KCA020	5010373117163
60 Litre	KCA060	5010373117170
199 Litre	KCA199	5010373117187

### Properties

Property	Result	
SAE Viscosity Grade	5W-30	
Density @ 15°C (g/mL)	0.8483	
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C	49.7
	@100°C	9.4
Viscosity Index (VI)	174	
Pour Point (°C)	-36	
Flash Point (°C)	230	
Sulphated Ash (%)	0.4	

#### 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.