

Carlube Triple R 5W-30 Fully Synthetic R-Tec 21

Technical Data Sheet



Premium Protection and Cold Temperature Performance

Carlube Triple R 5W-30 R-Tec 21 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-30 R-Tec 21 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.

Whilst engine cleanliness is of high priority, Carlube Triple R 5W-30 R-Tec 21 demonstrates high levels of durability and component wear protection, to protect component clearances and tolerances for as long as possible further extending engine efficiencies; to extract the most power from the fuel for as long as possible.

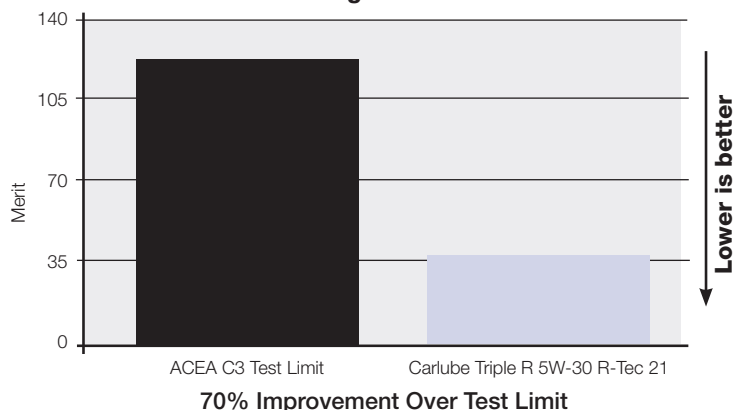
Performance Benefits

Further to the benefits outlined above, Carlube Triple R 5W-30 R-Tec 21 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-30 R-Tec 21 is fully compatible with exhaust aftertreatment devices, supporting lower emissions and preventing expensive replacement costs or service bills.

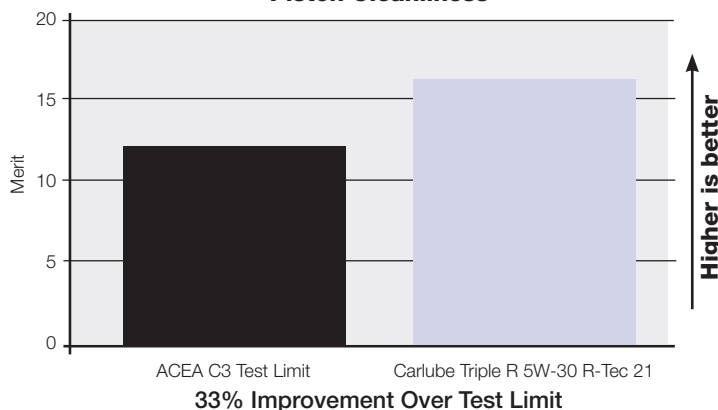
Carlube Triple R 5W-30 R-Tec 21 surpasses the performance requirements of ACEA C3 and can extend oil drain intervals by up to 20,000kms when recommended by the manufacturer's handbook.

Tested at temperatures as low as -39°C, Carlube Triple R 5W-30 R-Tec 21 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-30 R-Tec 21 provides protection, durability and performance.



Carlube Triple R 5W-30 Fully Synthetic R-Tec 21 Performance Specifications

Issuing Body	Performance Specification
ACEA	C3
DAIMLER	MB 229.31



Product Reference

Size	Part No	Barcode
1 Litre	KBW001	5010373106402
5 Litre	KBW005	5010373106419
20 Litre	KBW020	5010373106426
60 Litre	KBW060	5010373117026
199 Litre	KBW199	5010373106433
500 Litre	KBW500	N/A
1000 Litre	KBW100	N/A

Properties

Property	Result
SAE Viscosity Grade	5W-30
Density @ 15°C (g/mL)	0.8517
Kinematic Viscosity (mm ² /s)	@40°C 81.3 @100°C 13.94
Viscosity Index (VI)	177
Pour Point (°C)	-39
Flash Point (°C)	224
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.