

Carlube - The heartbeat of your engine

### Technical Data Sheet

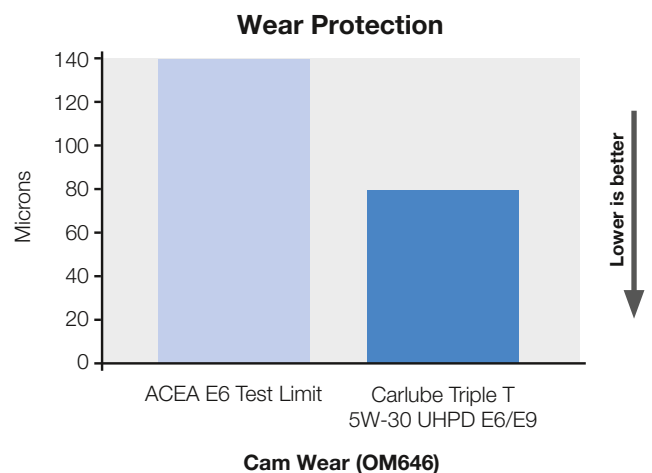
#### Premium Protection and Fuel Efficient Engine Oil

Carlube Triple T 5W-30 UHPD E6/E9 is a ultra high performance fully synthetic low SAPS (Sulphated Ash, Phosphorous and Sulphur) and fuel efficient diesel engine oil. Carlube Triple T 5W-30 E6/E9 is specially formulated for use in high performance diesel engines including those fitted with the latest emission systems and for use in fleet trucks and vans, agricultural, off-road and construction applications.

#### Why Carlube Triple T 5W-30 is a Premium Protecting and Fuel Efficient Engine Oil

Carlube Triple T 5W-30 E6/E9 has been formulated to exceed an impressive array of key OEM specifications, offering additional protection than lubricants with limited or no additional performance claims. The wide spectrum of specifications also makes this product ideal for fleets where mixed fleet application is required.

The largest operating expense for a fleet is fuel costs and any savings will have a significant impact for the fleet. Carlube Triple T 5W-30 E6/E9 has been proven in many field trials and engine tests to offer an average of 2.5% fuel economy savings across a range of vehicle types against an SAE 15W-40 engine oil. Although this sounds like a small percentage when an average annual fuel bill is reviewed, a 2.5% saving can make thousands of pounds difference by simply changing the engine oil.



One of the main concerns about lower viscosity oils within heavy duty applications is whether it will protect the engine. Carlube Triple T 5W-30 E6/E9 has been rigorously tested to provide premium protection against engine wear and fully protect vital components. In the ACEA E6 engine tests, it has been proven to offers over 40% more engine wear protection than the test limit.

Carlube Triple T 5W-30 E6/E9 has been formulated to provide superior flow properties under all operating conditions and temperatures. It has been tested to below -35°C to ensure ultimate protection for vehicles in all climates.

**Customers using Carlube Triple T 5W-30 E6/E9 will benefit from premium protection for the engine and emission system as well as provide a significant fuel saving for a fleet.**



## Exceptional Range of Performance Specifications:

Issuing Body	Performance Specification
ACEA 2012	E6/E9
API	CJ-4/SN
Daimler	MB 228.51, 228.31
MAN	M3477, M3271-1
MTU	Type 3.1
Volvo	VDS-4, VDS-3, CNG
Renault Trucks	RXD, RLD-3, RLD-2, RGD
Mack	EO-O PP, EO-N PP, EO-M Plus
Cummins	CES 20081
JASO	DH-2
Caterpillar	ECF-3
Deutz	DQC IV-10LA
Detroit Diesel	DDC 93K218
Voith	Oil class B
Scania	Low Ash, LA-2 field trial complete

## Product Reference

Size	Part No	Barcode
5 Litre	KAA050	5010373070505
25 Litre	KAA020	5010373070512
199 Litre	KAA199	5010373070529

## Properties

Property	Result	
SAE Viscosity Grade	5W-30	
Density @15°C (kg/m <sup>3</sup> )	0.8553	
Kinematic Viscosity (mm <sup>2</sup> /s)	@40°C	69.660
	@100°C	11.440
Viscosity Index (VI)	165	
Pour Point (°C)	-48.0	
Flash Point (°C)	226	
Sulphated Ash (%)	0.99	



### 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.