



# THE HEARTBEAT OF YOUR ENGINE



Made in UK



## THE HEARTBEAT OF YOUR ENGINE

Carlube is the largest independent oil manufacturer in the UK produced at our state of the art manufacturing facility in the North West.

Carlube's high specification portfolio is designed to meet ever-changing market demands, and provides an extensive range of fully synthetic and semi-synthetic engine oils and speciality lubricants from the latest high performance to older generation Cars, Commercial vehicles, Motorcycles, Agricultural, Marine and Industrial usage.

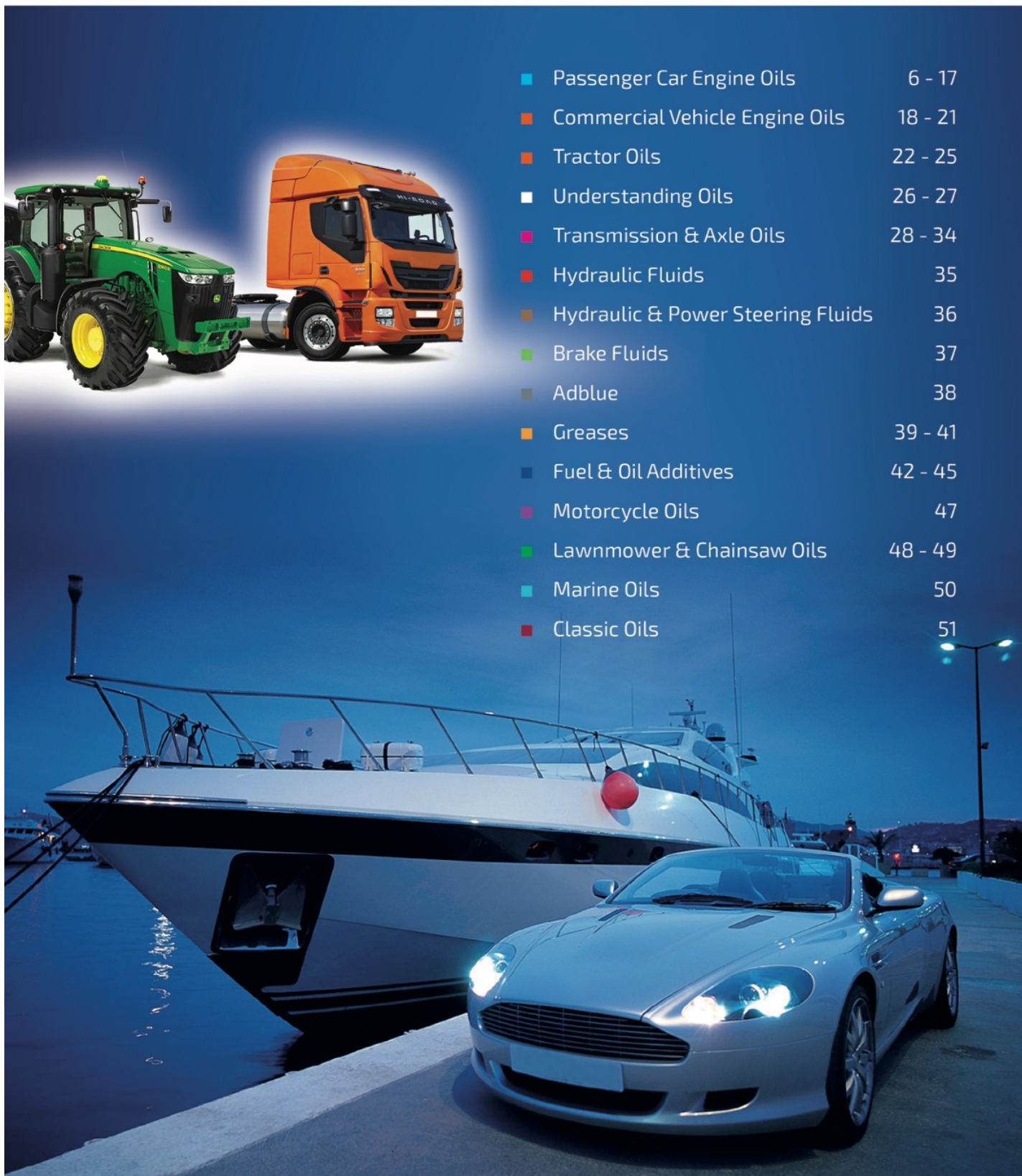
Carlube oils reduce friction resulting in a boost to fuel economy, ensuring an overall protection from cold starts to high temperature driving.



Tetrosyl complex oil specifications are approved in a large majority of vehicle manufacturers



## CONTENTS



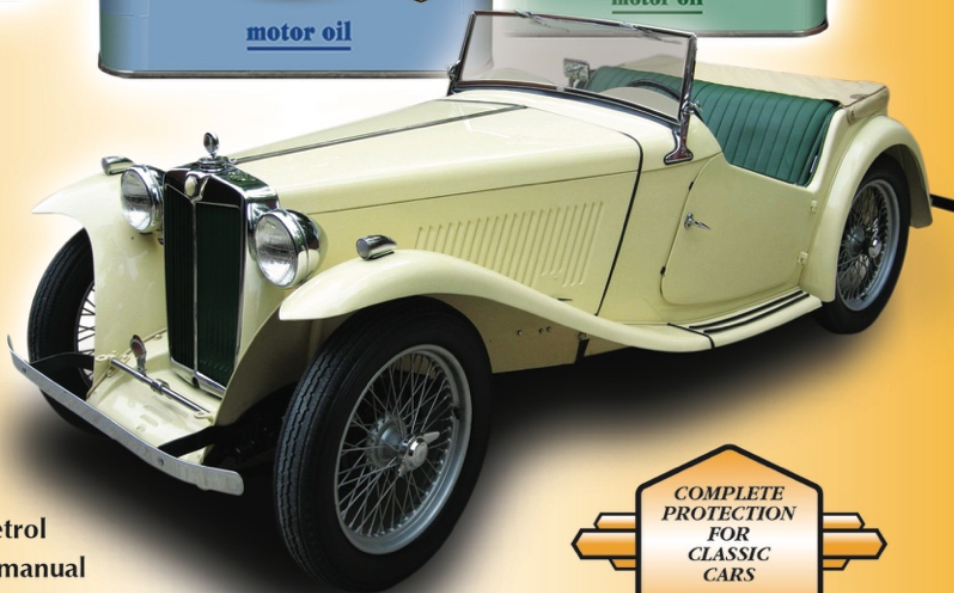
■ Passenger Car Engine Oils	6 - 17
■ Commercial Vehicle Engine Oils	18 - 21
■ Tractor Oils	22 - 25
■ Understanding Oils	26 - 27
■ Transmission & Axle Oils	28 - 34
■ Hydraulic Fluids	35
■ Hydraulic & Power Steering Fluids	36
■ Brake Fluids	37
■ Adblue	38
■ Greases	39 - 41
■ Fuel & Oil Additives	42 - 45
■ Motorcycle Oils	47
■ Lawnmower & Chainsaw Oils	48 - 49
■ Marine Oils	50
■ Classic Oils	51



# Vintage Oils



Carlube Classic Oils are a specialist range of lubricants designed for classic and vintage motor vehicles. The high quality, low detergent mineral lubricants are suitable for use in naturally aspirated four stroke petrol and diesel engines and manual gear boxes of that age.



[www.carlube.co.uk](http://www.carlube.co.uk)

## CARLUBE PRODUCT RANGE

The Carlube product range includes the following:

- Engine Oils - Triple R & Carlube
- Commercial Vehicle Oils - Triple T
- Transmission & Axle Oils - Driveline
- Hydraulic Fluids
- Hydraulic & Power Steering Fluids
- Brake Fluids
- AdBlue
- Greases
- Fuel & Oil Additives
- Motorcycle Oils
- Agricultural Oils - Lawnmower & Chainsaw
- Marine Oils
- Classic Oils



## Engine Oils

### Low Ash/Low Saps

These oils are formulated to meet and exceed the most stringent requirements of car manufacturers. Suitable for engines operating under extended service regimes. Recommended for all modern cars, especially recommended for Euro IV, V and VI compliant vehicles fitted with the latest catalytic converters and diesel particulate filters (DPFs).

### Fully Synthetic

Fully synthetic engine oils have been developed with the very latest synthetic technology producing a range of premium quality engine oils to meet the very latest API, ACEA and OEM requirements for today's modern vehicle. Fully synthetic engine oils offer increased engine protection and longer engine life, reduced friction, better lubrication during extreme cold weather starts and increased MPG.

### Semi-Synthetic

Semi-synthetic engine oils consist of a blend of mineral and synthetic base oils. Designed to have many of the benefits of synthetic oils, the performance, quality and durability is between that of a mineral oil and a fully synthetic oil. Carlube's semi-synthetic engine oils have been designed to offer a higher level of performance and protection than some of the lower quality semi-synthetics on the market.

## Engine Oils

### Triple R



#### Products included within the Triple R range:

- 0W-30 C2-B
- 0W-40 A3/B4
- 10W-60 A3/B3

#### Main Specifications covered:

- ACEA C2, C3, A3/B3, A3/B4
- MB 229.31/229.51/229.52
- BMW LL-04
- VW 502.00/505.01
- Porsche A40
- GM dexos 2
- Ford WSS-M2C937-A

*Carlube Triple R 5W-30 C3 has now been approved by Mercedes-Benz to confirm the product complies with the specifications MB 229.31, MB 229.51 and MB 229.52*

## Carlube - Road, Rally, Racing

**OUR FLAGSHIP RANGE, TRIPLE R** premium grade engine oils have been tested on the road and race track to maximise engine performance. Triple R low ash/low SAPS engine oils are formulated to meet and exceed the most stringent requirements of car manufacturers and are suitable for engines operating under extended service regimes.

Triple R Fully synthetic engine oils offer increased engine protection and longer engine life, reduced friction, better lubrication during extreme cold weather starts and increased MPG.

With an innovative anti-glug "R Flow" bottle design, Triple R products have been developed to surpass the specifications of key vehicle manufacturers using the very latest synthetic technology. Carlube and Triple R have been trusted for over 25 years illustrating the brand loyalty from our customers.

#### Advantages:

- Superior engine cleanliness and wear protection by preventing the formation of harmful engine sludge and deposits
- Low-SAPS technology therefore compatible with after-treatment devices
- Fuel economy benefits of up to 2.1%
- Outstanding protection to both engine and environment



## 0W-30 C2-B

### SPECIFICATIONS

ACEA C2, BMW LL-12FE

SIZE	CODE
1 Litre	XBWD10
5 Litre	XBW050



## 5W-30 C3

### SPECIFICATIONS

ACEA C3, API SN, MB 229.31/229.51/229.52, BMW LL-04, GM dexos 2, VW 502.00/505.01

SIZE	CODE
1 Litre	XNT010
5 Litre	XNT050
25 Litre	YNT025
199 Litre	YNT199



## 0W-40 A3/B4

### SPECIFICATIONS

ACEA A3/B3, A3/B4, API SN, MB 229.3/229.5, BMW LL-01, VW 502.00/505.00, Porsche A40, RN 0700/0710, Ford WSS-M2C937-A

SIZE	CODE
1 Litre	XGH010
5 Litre	XGH050



## 10W-60 A3/B3

### SPECIFICATIONS

ACEA A3/B3, API SL

SIZE	CODE
1 Litre	XKB010
5 Litre	XKB050



## 5W-50 A3/B3

### SPECIFICATIONS

ACEA A3/B3, API SL

SIZE	CODE
1 Litre	XHZ010
5 Litre	XHZ050



## 10W-60 RACING

### SPECIFICATIONS

API SG, SH, SJ

SIZE	CODE
5 Litre	XTC050

Ginetta LMP3 as driven by Sir Chris Hoy at Le Mans. This car is now on display at Tetrosyl Head Office



## Engine Oils

### Triple R - ECO-flo

**THE TRIPLE R ECO-FLO** is a range of ultra-low viscosity engine oils designed for use in the very latest fuel efficient engines.

The ultra-low viscosities ensure the oil has rapid circulation around the key engine components from cold start up and offers supreme protection from wear at high temperature long distance driving.

The ECO-flo range has been formulated to achieve minimal friction and maximum fuel economy.

#### Advantages:

- Lower viscosity oil which provides emission reduction and fuel economy gains
- Specially formulated to ensure engine and exhaust system protection
- Environment protection through specially designed technology converting polluting particles into less harmful emissions.

#### Products included within the Triple R ECO-flo range:

- 0W-16 ECO-flo API
- 0W-20 ECO-flo C5-VA
- 0W-20 ECO-flo C5-V
- 5W-20 ECO-flo C5-F

#### Main Specifications covered:

- ILSAC GF-5
- Ford WSS-M2C948-B
- ST JLR.03.5004
- VW 508.00/509.00
- Volvo VCC RBS0-2AE

*Carlube 5W-20 ECO-flo C5-F is also now FORMALLY APPROVED by Jaguar Land Rover for use in their engines requiring a lubricant meeting ST JLR.03.5004.*







## 0W-16 API

### SPECIFICATIONS

API SN

SIZE	CODE
1 Litre	XEF010
5 Litre	XEF050



## 0W-20 API

### SPECIFICATIONS

API SN, ILSAC GF-5

SIZE	CODE
1 Litre	XHT010
5 Litre	XHT050



## 5W-20 C5-F

### SPECIFICATIONS

ACEA C5, API SN, Ford WSS-M2C948-B, ST JLR.03.5004

SIZE	CODE
1 Litre	XPG010
5 Litre	XPG050
25 Litre	YPG025
199 Litre	YPG199



## 5W-20 API

### SPECIFICATIONS

API SN, ILSAC GF-5, Chrysler MS-6395

SIZE	CODE
1 Litre	XCH010
5 Litre	XCH050



## 0W-20 C5-V

### SPECIFICATIONS

ACEA C5, Volvo VCC RBSO-2AE

SIZE	CODE
1 Litre	XVV010
5 Litre	XVV050



## 0W-20 C5-J

### SPECIFICATIONS

ST JLR.51.5122

SIZE	CODE
1 Litre	XJL010
5 Litre	XJL050



## 0W-20 C5-VA

### SPECIFICATIONS

VW 508.00/509.00, Porsche C20

SIZE	CODE
1 Litre	XVK010
5 Litre	XVK050



## Engine Oils

### Carlube - Synthetic

**CARLUBE OILS ARE HIGH SPECIFICATION OILS** designed to meet the increasing market demand for high quality but affordable engine oils. Carlube oils cover a wide range of vehicles, from new high performance cars through to older, higher mileage vehicles.

When used in vehicles with modern engines Carlube oils will reduce friction resulting in a boost to fuel economy, giving an overall protection from cold starts to high temperature driving. All Carlube oils are blended in the UK, at our state of the art

manufacturing facility using the highest quality refined ingredients.

Carlube produces lubricants that meet the highest performance engine oil specifications, meaning this range of oils provides key benefits to vehicle owners, including engine cleanliness, wear protection, fuel economy and after-treatment device compatibility.

Carlube Synthetic engine oils prevent the formation of engine sludge and deposits. Sludge build up can cause oil starvation, increased engine wear and can negatively affect fuel economy, performance and engine life. Carlube aims to keep your vehicle's key components cool, clean, lubricated and working at their optimum.

*Carlube sponsored Toyota Avensis as driven by Tony Hughes*



#### Advantages:

- Prevents the formation of harmful engine sludge and deposits
- Keeps vehicle components cool, clean and lubricated
- Provides additional engine protection and cleanliness
- Maintains high levels of performance and durability within the engine

#### Products included within the Carlube Synthetic range:

- 0W-30 A5/B5
- 5W-30 A5/B5
- 5W-30 FE
- 5W-30 A3/B4

#### Main Specifications covered:

- ACEA A3/B4, A5/B5
- Ford WSS-M2C913-C/D
- ST JLR 03.5003
- MB 229.1





## 0W-30 A5/B5

### SPECIFICATIONS

ACEA A5/B5, API SL, Volvo 95200377

SIZE	CODE
1 Litre	XBF010
5 Litre	XBF050
20 Litre	YBF020
199 Litre	YBF199



## 5W-30 A3/B4

### SPECIFICATIONS

ACEA A3/B3, A3/B4, API SN, MB 229.3, RN 0700/0710, VW 502.00/505.00

SIZE	CODE
1 Litre	XAF010
5 Litre	XAF050
20 Litre	YAF020
199 Litre	YAF199



## 5W-30 A5/B5

### SPECIFICATIONS

ACEA A5/B5, Ford WSS-M2C913-D, Ford WSS-M2C913-C, ST JLR.03.5003

SIZE	CODE
1 Litre	XFR010
5 Litre	XFR050
20 Litre	YFR020
199 Litre	YFR199



## 5W-30 FE

### SPECIFICATIONS

API SL, ACEA A1/B1

SIZE	CODE
1 Litre	XAH010
5 Litre	XAH050
20 Litre	YAH020
199 Litre	YAH199



## 10W-40 A3/B4

### SPECIFICATIONS

ACEA A3/B3, A3/B4, API SL, MB 229.1

SIZE	CODE
1 Litre	XAJ010
5 Litre	XAJ050
20 Litre	YAJ020
199 Litre	YAJ199



## 5W-40 A3/B4

### SPECIFICATIONS

ACEA A3/B3, A3/B4, API SN, MB 229.3, RN 0700/0710, VW 502.00/505.00

SIZE	CODE
1 Litre	XAK010
5 Litre	XAK050
20 Litre	YAK020
199 Litre	YAK199



## 10W-40 API

### SPECIFICATIONS

API SL

SIZE	CODE
1 Litre	XEI010
5 Litre	XEI050
20 Litre	YEI020
199 Litre	YEI199



## 5W-30 API

### SPECIFICATIONS

API SN, ILSAC GF-5, GM dexos 1

SIZE	CODE
1 Litre	XDX010
5 Litre	XDX050

## Engine Oils

### Carlube - Low SAPS



**CARLUBE'S RANGE OF LOW-SAPS ENGINE OILS** are formulated to provide optimum durability for the latest generation of petrol and diesel engines.

These oils ensure that the expensive after-treatment devices remain effective for the longest duration possible, avoiding the hassle of costly downtime. This protects the environment from damaging pollution and contributes towards cleaner air quality, when compared to a typical high-SAPS engine oil.

#### Advantages:

- Low-SAPS technology means they are compatible with vehicles fitted with DPF, SCR & EGR components
- Prevents the formation of sludge and deposits in the engine which can cause oil starvation and increased engine wear.
- Ultra-high performing engine oils, developed to deliver maximum engine protection, fuel economy savings and meet the exacting strains of high performance levels

#### Products included within the Carlube Low-SAPS range:

- 5W-30 C3 Plus
- 5W-30 C2/C3
- 5W-30 C4
- 5W-30 C2
- 5W-30 C1

#### Main Specifications covered:

- ACEA C1, C2, C3, C4
- Ford WSS-M2C950-A
- Porsche C30
- MB 229.31/229.51/229.52
- BMW LL-04



## 0W-30 C2-F

### SPECIFICATIONS

ACEA C2, Ford WSS-M2C950-A

SIZE	CODE
1 Litre	XOF010
5 Litre	XOF050
20 Litre	YOF020
199 Litre	YOF199



## 0W-30 C2-P

### SPECIFICATIONS

ACEA C2, PSA B71 2312

SIZE	CODE
1 Litre	XSA010
5 Litre	XSA050
20 Litre	YSA020
199 Litre	YSA199



## 0W-30 C3-V

### SPECIFICATIONS

ACEA C3, VW 504.00/507.00, Porsche C30

SIZE	CODE
1 Litre	XV0010
5 Litre	XV0050
20 Litre	YV0020
199 Litre	YV0199



## 5W-30 C3 Pro

### SPECIFICATIONS

ACEA C3, BMW LL-04, MB 229.31/229.51, Porsche C30, VW 504.00/507.00

SIZE	CODE
1 Litre	XVT010
5 Litre	XVT050
20 Litre	YVT020
199 Litre	YVT199



## 5W-30 C3 Plus

### SPECIFICATIONS

ACEA C3, API SN, MB 229.31/229.51/229.52, BMW LL-04, GM dexos 2, VW 502.00/505.01

SIZE	CODE
1 Litre	XNW010
5 Litre	XNW050
20 Litre	YNW020
199 Litre	YNW199



## 5W-30 C3

### SPECIFICATIONS

ACEA C3, API SN

SIZE	CODE
1 Litre	XAP010
5 Litre	XAP050
20 Litre	YAP020
199 Litre	YAP199

## Engine Oils

### Carlube - Low SAPS



### 5W-30 C2/C3

#### SPECIFICATIONS

ACEA C2/C3, API SN, MB 229.31/229.51, GM dexos 2, VW 502.00/505.01

SIZE	CODE
1 Litre	XAC010
5 Litre	XAC050
20 Litre	YAC020
199 Litre	YAC199



### 5W-30 C2

#### SPECIFICATIONS

ACEA C2, PSA B71 2290

SIZE	CODE
1 Litre	XBA010
5 Litre	XBA050
20 Litre	YBA020
199 Litre	YBA199



### 5W-40 C3

#### SPECIFICATIONS

ACEA C3, API SN, BMW LL-04, Ford WSS-M2C917-A, GM dexos 2, MB 229.31/229.51, Porsche A40, VW 502.00/505.01

SIZE	CODE
1 Litre	XAG010
5 Litre	XAG050
20 Litre	YAG020
199 Litre	YAG199



### 5W-30 C1

#### SPECIFICATIONS

ACEA C1, Ford WSS-M2C934-B, ST JLR.03.5005

SIZE	CODE
1 Litre	XCO010
5 Litre	XCO050
20 Litre	YCO020
199 Litre	YCO199



### 5W-30 C4

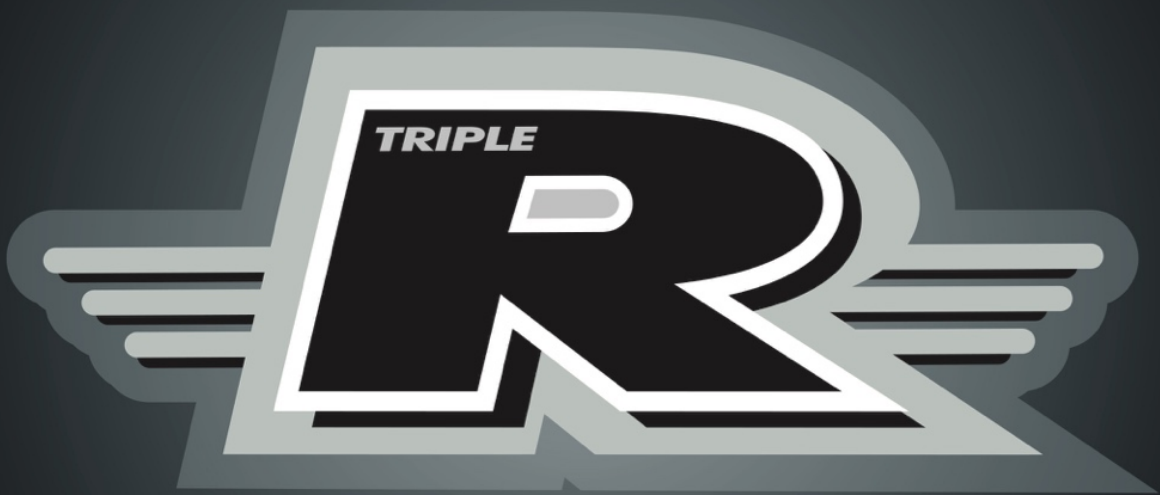
#### SPECIFICATIONS

ACEA C4, MB 226.51, RN 0720

SIZE	CODE
1 Litre	XCF010
5 Litre	XCF050
20 Litre	YCF020
199 Litre	YCF199



# TRIPLE R ECO-FLO



The **HEARTBEAT** of your **ENGINE**

Triple R Eco-flo is a range of ultra-low viscosity engine oils, specially designed for use in the very latest fuel efficient engines



- RAPID OIL CIRCULATION
- SUPREME ENGINE PROTECTION FROM COLD START TO HIGH TEMPERATURE LONG DISTANCE DRIVING
- MINIMAL FRICTION
- MAXIMUM FUEL ECONOMY

## Engine Oils

### Carlube - Mineral & Monograde



**CARLUBE MINERAL AND MONOGRADE OILS ARE FORMULATED** using the highest quality mineral base oils. Mineral oils are blended with advanced technology additives to give high anti-wear and detergency properties, thus providing longer engine life and maintaining maximum performance.

Our mineral/monograde oils have been thoroughly tested against American and European industry wide specifications and criteria to provide reassuring and reliable engine protection and performance whilst used within the recommended oil drain intervals.

These oils are especially ideal for fleet owners where mixed vehicle types are used, due to the convenience of approvals including ACEA A3/B4 and API SL, all of which feature heavily in OEM requirements.

**Products included within the Carlube Mineral & Monograde range:**

- 10W-30 A3/B4
- 15W-40 A3/B4
- 15W-40 API
- 20W-50 API

**Main Specifications covered:**

- ACEA A3/B3, A3/B4
- API SL

#### Advantages:

- Tried, tested and proven strong wear protection
- In the coldest temperatures when engines are the most at risk, Carlube Mineral/Monograde oils flow to the most vulnerable parts of the engine with ease, tackling the cold winter months in Northern Europe and beyond
- Face the stresses of daily driving with ease, keeping the engine running smoothly and efficiently
- Protects engine components, maintains a clean and highly performing motor and provides strong corrosion and wear protection





## 10W-30 A3/B4

**SPECIFICATIONS**  
ACEA A3/B3, A3/B4, API SL

SIZE	CODE
1 Litre	XPS010
5 Litre	XPS050
20 Litre	YFF020



## 15W-40 A3/B4

**SPECIFICATIONS**  
ACEA A3/B3, A3/B4, API SL

SIZE	CODE
1 Litre	XPP010
5 Litre	XPP050
20 Litre	YFA020
199 Litre	YFA199



## 15W-40 API

**SPECIFICATIONS**  
API SL

SIZE	CODE
1 Litre	XI010
5 Litre	XI050
20 Litre	YI010
199 Litre	YI050



## 20W-50 API

**SPECIFICATIONS**  
API SL

SIZE	CODE
1 Litre	XW010
5 Litre	XW050
20 Litre	YW020
199 Litre	YW199



## SAE 30

**SPECIFICATIONS**  
API SE/CD

SIZE	CODE
1 Litre	XHD001
4.55 Litre	XHD455
20 Litre	YHD020



## SAE 50

**SPECIFICATIONS**  
API SF/CD

SIZE	CODE
5 Litre	SAE005
20 Litre	SAE020
199 Litre	SAE199



## 20W-50 SB

**SPECIFICATIONS**  
API SE/CD

SIZE	CODE
5 Litre	KBC050
20 Litre	KBC020
199 Litre	KBC199

# Commercial Vehicle Oils

## Triple T UHPD

**CARLUBE HAS DEVELOPED A NEW SERIES OF ENGINE OILS** for commercial vehicle engines to meet the needs of the Truck, Transport and Tractor engines. Carlube Triple T products guarantee reliable engine operation and outstanding emissions system protection. They provide operational benefits such as extended drain intervals and enhanced fuel economy.

- **EXCELLENT VEHICLE COVERAGE** - Over 99% coverage of commercial vehicle engine applications.
- **PROVEN TECHNOLOGY** - Tractor products based on technology with proven field experience of over 600,000,000 hours.
- **EXTENDED DRAIN** - Extended Drain intervals of up to 80,000 kms.

### Products in the range:

**Triple T UHPD** - Carlube Triple T UHPD oils are Ultra High Performance Diesel lubricants formulated to provide excellent piston cleanliness, wear protection, soot handling, lubricant stability and fuel economy benefits for the latest generation of commercial vehicle engines.

Triple T grade includes fully synthetic low-SAPS engine oils suitable for use with vehicles fitted with after-treatment devices such as diesel particulate filters (DPF), exhaust gas recirculation (EGR) selective catalyst reduction (SCR) systems. Carlube Triple T UHPD Engine Oils have been developed to provide maximum coverage and extended drain capability.

### Advantages:

- Fuel economy benefits of up to 1.3%
- Excellent engine cleanliness and sludge control
- Outstanding engine protection throughout the extended drain interval
- Superior hot and cold flow properties – even as low as -35°C

### Products included within the Triple T UHPD range:

- Triple T 5W-30 UHPD E6/E9
- Triple T 5W-30 UHPD E4
- Triple T 10W-40 UHPD E6/E9
- Triple T 10W-40 UHPD E6
- Triple T 10W-40 UHPD E4

### Main Specifications covered:

- ACEA E6/E9
- DAF Extended Drain
- Scania LDF-3/LDF-2/LDF
- Renault RXD/RLD-2/RD-2
- Volvo VDS-3

*Carlube Triple T has formal approvals from the major commercial vehicle manufacturers VOLVO Truck, Renault Trucks, SCANIA and MACK. The lubricants meet the vehicle manufacturer requirements to deliver outstanding performance through extended drains*



## 5W-30 E6/E9

### SPECIFICATIONS

ACEA E6/E9, API CJ-4/SN, JASO DH-2, MB 228.51/228.31, MAN M3477/M3271-1, MTU Type 3.1, Volvo VDS-4/VDS-3/ CNG, Renault Truck RXD/RLD-3/RLD-2/RGD, Mack EO-O PP/EO-N PP/EO-M P, Cummins 20081, Caterpillar ECF-3, Deutz DQC N-10 LA, DDC 93K218

SIZE	CODE
5 Litre	KAA050
20 Litre	KAA020
199 Litre	KAA199



## 5W-30 E4

### SPECIFICATIONS

ACEA E4/E7, DAF Extended Drain, Ford WSS-M2C212-A1, Deutz DOC IV-10, MAN M3277, MB 228.5/235.28, Voith Class A, MTU Type 3, Scania LDF-3, Renault Truck RXD/RLD-2/RLD/RD-2, Volvo VDS-3, Mack EO-N

SIZE	CODE
5 Litre	KAB050
20 Litre	KAB020
199 Litre	KAB199



## 10W-40 E6/E9

### SPECIFICATIONS

ACEA E6/E9, API CI-4, JASO DH-2, MB 228.51/228.31, MAN M3477/M3271-1, MTU Type 3.1, Volvo VDS-3/CNG, Renault Truck RXD/RLD-2/RGD, Mack EO-N/EO-M Plus, Cummins 20076/77, Caterpillar ECF-1-a, Deutz DOC IV-10 LA, Scania Low Ash

SIZE	CODE
5 Litre	KAC050
20 Litre	KAC020
199 Litre	KAC199



## 10W-40 E6

### SPECIFICATIONS

ACEA E6, API CI-4, JASO DH-2, MB 228.51/228.31, MAN M3477, MTU Type 3.1, Volvo VDS-3, Mack EO-N, Renault Truck RLD-2, Cummins 20076/77, Caterpillar ECF-1-a, Deutz DOC III-10LA

SIZE	CODE
5 Litre	KAD050
20 Litre	KAD020
199 Litre	KAD199

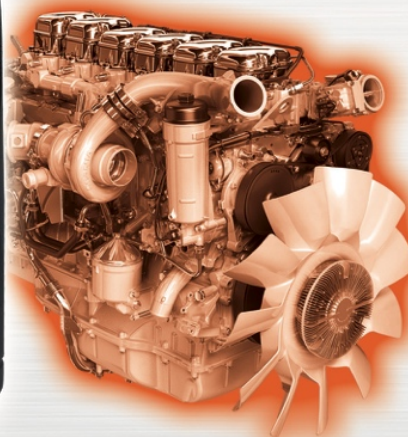


## 10W-40 E4

### SPECIFICATIONS

ACEA E4/E7, DAF Extended Drain, Deutz DOC III-10, MAN M3277, MB 228.5/235.28, Voith Class A, MTU Type 3, Scania LDF-3/LDF-2/LDF, Renault Truck RXD/RLD-2/RLD/RD-2, Volvo VDS-3, Mack EO-N

SIZE	CODE
5 Litre	KAE050
20 Litre	KAE020
199 Litre	KAE199



## Commercial Vehicle Oils

### Triple T SHPD



**CARLUBE TRIPLE T SHPD ARE SUPER HIGH PERFORMANCE** Diesel lubricants formulated to provide excellent piston cleanliness and effective control of bore polishing for the latest generation of commercial vehicle engines.

Triple T SHPD engine oils are compatible with after-treatment devices such as diesel particulate filter (DPF), exhaust gas recirculation (EGR) and selective catalyst reduction (SCR) systems.

#### Advantages:

- 50% more protection against wear and friction
- Exceptional soot handling capabilities
- Fuel economy benefits
- Excellent engine and component cleanliness

#### Products included within the Triple T SHPD range:

- Triple T 15W-40 SHPD E9
- Triple T 10W-40 SHPD E9
- Triple T 10W-30 SHPD E9
- Triple T 15W-40 SHPD E7
- Triple T 10W-40 SHPD E7
- Triple T 10W-30 SHPD E7

#### Main Specifications covered:

- ACEA E7, E9
- Renault truck RLD-2/RLD-3
- Volvo VDS-3/VDS-4
- MB 228.3/228.31
- Caterpillar ECF-3/ECF-2/ECF-1-a



# TripleT™



## 15W-40 E9

### SPECIFICATIONS

ACEA E9, API CJ-4/SN, MB 228.31, MAN M3575, MTU Type 2.1, Volvo VDS-4, Mack EO-O PP, Renault Truck RLD-3, Cummins 20081, Caterpillar ECF-3, Deutz DDC III-10LA, DDC 93K218

SIZE	CODE
5 Litre	KAF050
20 Litre	KAF020
199 Litre	KAF199



## 15W-40 E7

### SPECIFICATIONS

ACEA E7, API CI-4/CH-4/CG-4/CF-4, Global DHD-1, MB 228.3, Volvo VDS-3, Renault Truck RLD-2, Mack EO-N/EO-M Plus, MAN M3275, Cummins 20076/77/78, Caterpillar ECF-2/ECF-1-a, MTU Type 2, Deutz DDC III-10, DDC 93K215

SIZE	CODE
5 Litre	KAJ050
20 Litre	KAJ020
199 Litre	KAJ199



## 10W-40 E9

### SPECIFICATIONS

ACEA E9, API CJ-4/SN, MB 228.31, MAN M3575, MTU Type 2.1, Volvo VDS-4, Mack EO-O PP, Renault Trucks RLD-3, Cummins 20081, Caterpillar ECF-3, Deutz DDC III-10LA, DDC 93K218

SIZE	CODE
5 Litre	KAG050
20 Litre	KAG020
199 Litre	KAG199



## 10W-40 E7

### SPECIFICATIONS

ACEA E7, API CI-4/CH-4/CG-4/CF-4, Global DHD-1, MB 228.3, Volvo VDS-3, Renault Truck RLD-2, Mack EO-N/EO-M Plus, MAN M3275, Cummins 20076/77/78, Caterpillar ECF-2/ECF-1-a, MTU Type 2, Deutz DDC III-10

SIZE	CODE
5 Litre	KAK050
20 Litre	KAK020
199 Litre	KAK199



## 10W-30 E9

### SPECIFICATIONS

ACEA E9, API CJ-4/SN, MB 228.31, MAN M3575, MTU Type 2.1, Volvo VDS-4, Mack EO-O PP, Renault Truck RLD-3, Cummins 20081, Caterpillar ECF-3, Deutz DDC III-10LA, DDC 93K218

SIZE	CODE
5 Litre	KAH050
20 Litre	KAH020
199 Litre	KAH199



## 10W-30 E7

### SPECIFICATIONS

ACEA E7, API CI-4/CH-4/CG-4/CF-4, Global DHD-1, MB 228.3, Volvo VDS-3, Renault Truck RLD-2, Mack EO-N/EO-M Plus, MAN M3275, Cummins 20076/77/78, Caterpillar ECF-2/ECF-1-a, MTU Type 2, Deutz DDC III-10

SIZE	CODE
5 Litre	KAL050
20 Litre	KAL020
199 Litre	KAL199

# Tractor Oils

## Triple T STOU

**THE TRIPLE T SUPER TRACTOR OIL UNIVERSAL** for engine, transmission, axle, brake and hydraulic applications for reduced complexity, reduced inventory and cost. Balanced friction performance giving precise clutch and brake operation.

Triple T products provide resistance to water contamination by offering rust and corrosion protection. This product is based on technology with proven field experience of over 600,000,000 hours.

### Advantages:

- Broad spectrum of OEM credentials
- Superior Anti-wear performance
- Balanced friction performance for accurate clutch and brake operation
- Fuel efficiency benefits

*Premium STOU for ultra reliable performance in farm tractor engines, transmissions, wet brakes, final drives and hydraulics*

Engine

Front Differential

## 10W-30

### SPECIFICATIONS

API CG-4, CF-4/SF, ACEA E2, MB 227.1, API GL-4, Allison C-4, Caterpillar TO-2, Ford M2C159-B, John Deere JDM J27, Massey Ferguson CMS M1144/M1145, ZF TE-ML 06B, ZF TE-ML 06D, ZF TE-ML 06F, ZF TE-ML

SIZE	CODE
20 Litre	KAM020
199 Litre	KAM199

## 15W-40

### SPECIFICATIONS

API CG-4, CF-4/SF, ACEA E2, MB 227.1/228.1, API GL-4, Caterpillar TO-2, John Deere JDM J27, Massey Ferguson CMS M1144/M1145, ZF TE-ML 06B, ZF TE-ML 06F, ZF TE-ML 07B

SIZE	CODE
20 Litre	KAN020
199 Litre	KAN199



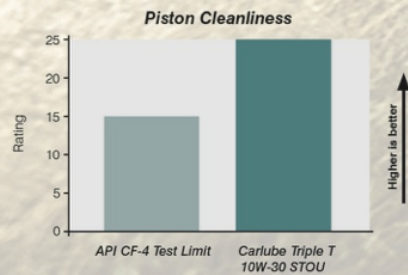
# Triple T™



Engine cleanliness and guaranteed performance is a priority for any farm tractor, which is a particular highlight of Carlube Triple T 10W-30 STOU, that has provided 66% greater piston cleanliness than key industry tests require. Furthermore, gear protection is another key topic especially considering modern transmission, axle and final drive technology.

Carlube Triple T 10W-30 STOU has far surpassed the industry wide requirements, providing passing results three levels higher than gear tests demand. Customers using Carlube Triple T 10W-30 STOU will benefit from excellent cleanliness and wear protection in the most

severe operating conditions, across the broadest range of equipment - to provide a single oil for the majority of typical farming applications.



# Tractor Oils Driveline UTTO

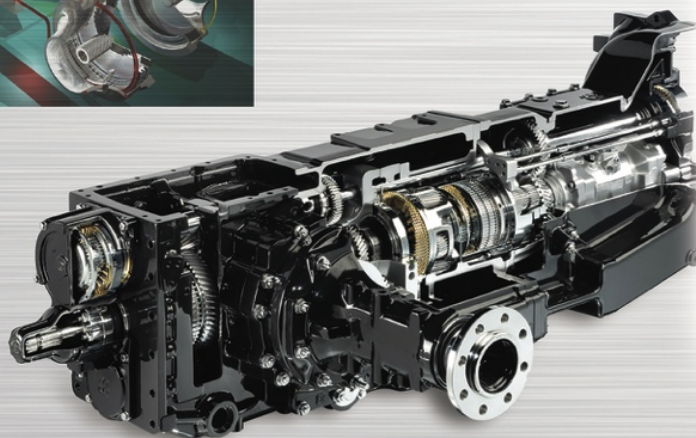
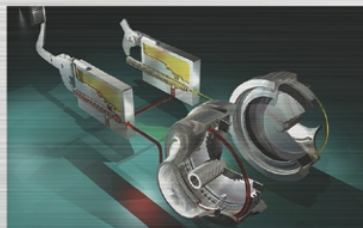
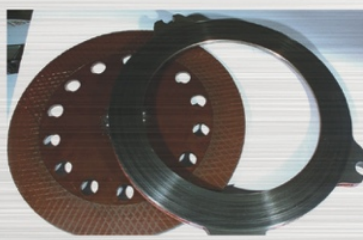
**THIS IS A TOP TIER SYNTHETIC LUBRICANT** developed to provide advanced protection to both manual transmissions and axles. Designed to withstand severe operation conditions, this product provides reliable equipment operating and wear protection over extended drain periods.

### Advantages:

- Optimized friction system
- Dual wear system
- Robust Oxidative and thermal stability

### Frictional Performance

- Reduced Noise From Brake Chatter/Squawk
- Maintain Brake Capacity for Safer Stopping
- Operator Comfort
- Improved Brake, Transmission, and PTO Disc Life
- Effective Stopping
- Safe Operation



## 10W-30

### SPECIFICATIONS

API GL-4, CNH 3525, Ford M2C-134D, FNHA-201.00, FNHA-2-C-200.00, John Deere JDM J20C, J20D, Kubota UDT, Massey Ferguson CMS M1145, M1143, M1141, M1135, VCE WB 101, WB 102, White Farm (AGCO) O-186, ZF TE-ML 03E, 05F, 06R, 06N, 06K, 17E, 21F, ZF TE-ML 06E, 06N & 06F, Allison C-4, Valtra G2-08, G2-B10, Fendt Vario

SIZE	CODE
20 Litre	KAP010
199 Litre	KAP050

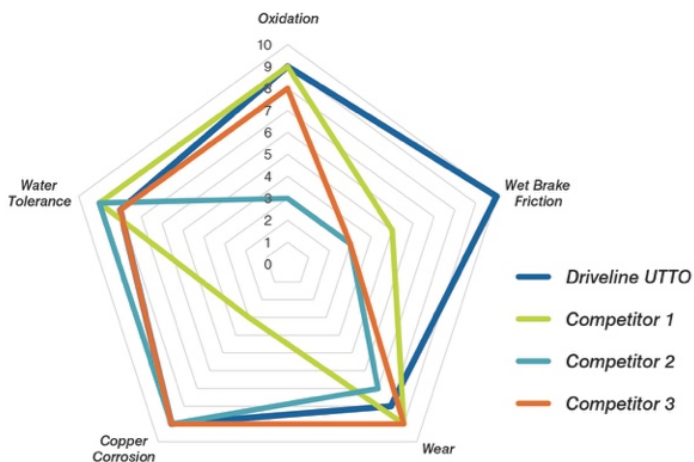




**Driveline™**



### Top Tier UTTO Competitive Assessment Summary





# Carlube®

## Understanding Oil

Originally, car oil was purely a mixture of base oils used to lubricate engine parts.

Today, most oils are synthetic and contain a complex blend of additives which assist in achieving a multitude of functions such as helping to prevent deposits from forming on internal engine components, removal and suspension of dirt and contaminants in the oil until these contaminants can be removed at the next oil change, enhancing engine fuel economy, lubricating moving parts and reducing engine wear.

### Moving forward

We're constantly looking at how we can improve fuel economy for the modern car, as we know the thinner the oil, the less of a drag it puts on the engine, however, to use these low viscosity oils, the engine must be compatible, unlike vehicles of yesteryear, using an oil which is too thin would result in increased wear and premature engine failure.

Engines that are now being produced will take grades such as 0W-20 and 0W-30, whereas those older engines will take grades such as 5W-40 and 10W-40.

### But what do all these grades mean?

Most oils are now Multigrades. Before Multigrade oils were invented motorists had to use different oils in summer and winter.

A Multigrade oil, which can be used all year round, is a combination of 2 viscosity grades such as: 0W-30

In a 0W-30 the 0W means that the oil must meet a certain thickness/flow limit at low temperature.

The lower the "W" number the better the oil's low temperature and cold start performance.

Therefore, a 0W will get around an engine far quicker than a 20W would.

The latter part of the grade (*in this case 30*), can range between 4 and 60 (*again, the lower the number, the thinner the oil*). Each oil must meet certain thickness limits at 100°C which is roughly the running temperature of an engine.

For years engine oils quoted 2 API specifications, one for petrol and one for diesel, making the choice of oil relatively simple. However, in recent times these have increased significantly due to engine manufacturers requiring more specific oils to meet their needs – making the choice look never ending.

As you would expect there are different oil properties for different vehicle manufacturers. Ford engines, for example, are designed to work with fuel economy oils, but if manufacturers such as BMW or Mercedes-Benz used the same, this would result in premature wear and a shortened engine life, as these engines are designed to work with a thicker oil.

Along with this, one oil grade does not fit all, it may say 0W-30 on the bottle, but each version of 0W-30 has different properties, such as additives, antioxidants, friction modifiers, etc. So as time goes on, the variations of oils available on the market will be limitless and it may seem like a minefield to some, this is why we have a vehicle lookup available on [carlube.co.uk](http://carlube.co.uk) to help both the garage and the general public to choose the oil which is best for them.

Each organization categorises the performance of particular oils, based on their own criteria. This determines the suitability for use in particular vehicles. When selecting engine oil, it is important to remember that each set of specifications has a part to play in helping to choose the right product to help ensure correct vehicle operation. For optimum protection, fuel efficiency and emissions control, you must use the correct SAE grade combined with the correct API, ACEA or OEM specifications.

#### **EELQMS (European Engine Lubricant Quality Management System)**

EELQMS is a voluntary quality management system for automotive engine lubricants. It is designed to assist lubricant marketers in assuring the quality of

their lubricants and the performance claims made for them in the marketplace. Carlube products meeting ACEA specifications are manufactured according to the EELQMS guidelines to ensure product integrity.

#### **API**

The API specifications have 2 sets of specifications; S for Spark ignition (Petrol) and C for Compression ignition (Heavy-duty diesel)

#### **ACEA**

The ACEA sequences for lubricants cover present needs for petrol, light-duty diesel and heavy-duty diesel engines. These include compatibility testing with engines that are fitted with after-treatment devices.

The above sequences are further sub-divided into individual performance categories.

Each sequence comprises of laboratory and engine tests run in accordance with test methods specified in the ACEA Sequences. Across the range of Carlube products all of the ACEA Sequences are covered.

#### **OEM Specifications**

Nearly all vehicle manufacturers have their own set of specifications for engine oils, these add further performance requirements above the ACEA & API requirements. To become approved to OEM standards, a stringent series of testing must be successfully completed. Over recent years the number of specifications have expanded greatly leading to a trend towards manufacturer specific oils.



The quality of the oils has been highlighted by recent OEM approvals gained on the products below:

Work is ongoing with other leading vehicle manufacturers to add further approvals to the Carlube range of products to enhance its reputation as a reliable brand that can be expected to deliver products that will not compromise on performance.



**Carlube Triple R 5W-20 ECO-flo C5-F**  
 • Jaguar Land Rover Approval ST JLR.03.5004



**Carlube Triple R 5W-30 C3**  
 • Mercedes-Benz Approval 229.31  
 • Mercedes-Benz Approval 229.51  
 • Mercedes-Benz Approval 229.52



**Carlube Triple T 10W-40 UHPD E4**  
 • Scania LDF-3



**Carlube Triple T 10W-40 UHPD E6/E9**  
 • Volvo VDS-3 • Mack EO-N  
 • Renault Truck RLD-2  
 • Scania Low Ash



**Cold Crank Simulator**

The Cold Crank Simulator was designed as a method of determining the low temperature performance of lubricants. This simulates the starting of a cold engine. Every batch of Carlube engine oil is tested to make sure it meets the vital requirements set out by the SAE.

**Viscometer**

Tests that the product meets SAE viscosity requirements



**XRF**

XRF checks Additive levels on every batch of oil to ensure its performance.



**UKLA**

Tetrosyl is a member of the United Kingdom Lubricants Association. UKLA actively represents the interests of its members both at home and abroad. The UKLA helps Tetrosyl stay at the forefront of industry developments by knowledge sharing, training and communications.



**VLS**

Verification of Lubricant Specifications is an independent organization monitoring the quality of lubricants in the UK market. Tetrosyl is an active member of this organization and fully backs all steps taken to increase the quality level of the lubricants in the market place.



**ISO 9001**

This is an international standard that specifies the requirements for a quality management system. Tetrosyl uses this standard to control all its manufacturing activity. With a comprehensive quality management system in place you can be assured anything produced in our facilities will meet consistent high standards.

Blended in the UK at our state of the art manufacturing facility.



## Manual Transmission Fluids

### Driveline MTF



**CARLUBE DRIVELINE MANUAL TRANSMISSION FLUIDS** meeting API GL-4 provide coverage for a wide range of passenger car and commercial vehicle application offering good efficiency and excellent low temperature performance. They are suitable as "fill for life" fluid according to manufacturer recommendations.

#### Advantages:

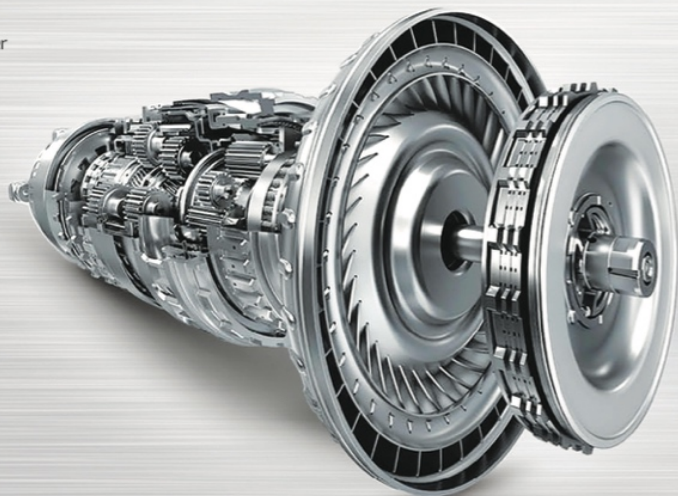
- Superior anti-wear performance
- More uptime allowing equipment to work harder for longer
- Broad spectrum of OEM credentials

#### Products included within the Driveline MTF Range:

- Driveline 75W-90 MTF
- Driveline 80W-90 MTF
- Driveline SAE 80

#### Main Specifications covered:

- MB 235.1
- MAN 341 Type E1
- ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C



# Driveline™



## 75W-80 MV MINERAL

### SPECIFICATIONS

BMW, Mini, Mercedes, Smart, Alfa Romeo, Volvo, MG Rover, Citroen, Peugeot, Renault, Dacia, Honda, Fiat, Seat, Skoda, Volkswagen

SIZE	CODE
1 Litre	MTF780
4.55 Litre	KAY455
20 Litre	KAY020



## SAE 80 MINERAL

### SPECIFICATIONS

API GL-4

SIZE	CODE
1 Litre	XEP011
4.55 Litre	XEP455
20 Litre	YEP020



## 75W-90 MV FULLY SYNTHETIC

### SPECIFICATIONS

Daewoo, Lancia, Ford, Chevrolet, Opel, Hyundai, Kia, Mazda, Suzuki, Land Rover, Jaguar, Toyota, Nissan, Mitsubishi, Saab

SIZE	CODE
1 Litre	MTF759
4.55 Litre	KAZ455
20 Litre	KAZ020



## MT-75 MINERAL

### SPECIFICATIONS

Ford M2C-186A

SIZE	CODE
1 Litre	MTF011



## 75W-90 FULLY SYNTHETIC

### SPECIFICATIONS

API GL-4, MB 235.1, MAN 341 Type E1, ZF TE-ML 06L, ZF TE-ML 08, ZF TE-ML 16A, ZF TE-ML 17A, ZF TE-ML 19A, ZF TE-ML 19C

SIZE	CODE
1 Litre	KAR010
4.55 Litre	KAR455
20 Litre	KAR020
199 Litre	KAR199



## MTF-94 MINERAL

### SPECIFICATIONS

Texaco MTF-94

SIZE	CODE
1 Litre	MTF941



## 80W-90 MINERAL

### SPECIFICATIONS

API GL-4, MB 235.1, MAN 341 Type E1, ZF TE-ML 06L, ZF TE-ML 08, ZF TE-ML 16A, ZF TE-ML 17A, ZF TE-ML 19A, ZF TE-ML 19C

SIZE	CODE
1 Litre	KAS010
4.55 Litre	KAS455
20 Litre	KAS020
199 Litre	KAS199



# Automatic Transmission Fluids

## Driveline ATF



**CARLUBE DRIVELINE AUTOMATIC TRANSMISSION FLUIDS** offer a wide range of approvals covering a range of commercial vehicle applications. These products provide an optimum balance of shear stability and low temperature performance leading to better shift feel and drivability.

### Advantages:

- Fuel efficiency benefits
- Superior anti-wear performance
- Balanced friction performance for accurate clutch and brake operation
- Broad spectrum of OE credentials
- Anti-corrosion and rust protection
- Excellent low temperature fluidity

### Products included within the Driveline ATF range:

- Driveline ATF-Q Plus
- Driveline ATF-U
- Driveline ATF-LV

### Main Specifications covered:

- Dextron III
- Dextron VI
- Ford Mercon V
- MB 236.6/236.7/236.9/236.1/236.11



## ATF-G

### MINERAL

#### SPECIFICATIONS

Ford /Borg Warner, Ford M2C-33F/G

SIZE	CODE
1 Litre	XTF011
4.55 Litre	XTF455
20 Litre	YTF020



## ATF-Q

### MINERAL

#### SPECIFICATIONS

Dexron IID

SIZE	CODE
1 Litre	XAT011
4.55 Litre	XAT455
20 Litre	YAT020



## ATF-Q PLUS

### MINERAL

#### SPECIFICATIONS

Allison C-4, Caterpillar TO-2, Denison, Ford Mercon, GM Dexron IID, MAN 339 Type V-1, MAN 339 Type Z-1, MB 236.6, Penk, Sperry Vickers, Sundstrand, Voith H55.6335, Volvo 97335, ZF TE-ML 030, ZF TE-ML 040, ZF TE-ML 05L, ZF TE-ML 09, ZF TE-ML 11A, ZF TE-ML 14A, ZF TE-ML 17C

SIZE	CODE
1 Litre	KAW010
4.55 Litre	KAW455
20 Litre	KAW020
199 Litre	KAW199



## ATF-Q3

### MINERAL

#### SPECIFICATIONS

Dexron IIG, Ford WSA-M2C185-A/195-A, Ford SQ-M2C138-CJ, Ford ESP-M2C166-H, Allison C4, Caterpillar TO-2

SIZE	CODE
1 Litre	XTE100
4.55 Litre	XTE455
20 Litre	YTE020



## ATF-U

### FULLY SYNTHETIC

#### SPECIFICATIONS

Dexron I/IIH, JASO 1-A, JATCO, JWS 3309, Allison C-4, Allison TES 295, Ford Mercon V, LT 71141, MAN 339 Z-2, MAN 339 V-1, MB 236.6/7/6/9/10/11, Mitsubishi SP-II, Volvo 97340/97341, ZF TE-ML 02F, 03D, 04D, 05L, 09, 11A, 11B, 14B, 16L, 17C

SIZE	CODE
1 Litre	XTU001
4.55 Litre	XTU455
20 Litre	YTU020
199 Litre	YTU199



## ATF-LV

### FULLY SYNTHETIC

#### SPECIFICATIONS

Dexron VI, JASO 1-A, Honda DW-1, Aisin Warner AW-1, Hyundai/Kia SP-IV, Mitsubishi SP-IV, Nissan Matc-S, Toyota WS, MB 236.12/236.14, JWS 3324

SIZE	CODE
1 Litre	XLU001
4.55 Litre	XLU455
20 Litre	YLU020
199 Litre	YLU199



## DCT-U

### FULLY SYNTHETIC

#### SPECIFICATIONS

VW TL 052182/529, BMW 83 22 2 148 578/579, BMW 83 22 2 147 477, BMW 83 22 D 440 214, Peugeot/Citroen 9734.52, Ford M2C936A, MB 236.21 (001 989 85 03), M2320065 Dia-Queen SSTF-1, Porsche Oil No 999.917.080.00, Volvo 1161838/1161839

SIZE	CODE
1 Litre	DCT001



## CVT-U

### FULLY SYNTHETIC

#### SPECIFICATIONS

Audi/VW TL 52180, G 052 180, Ford CVT30/Mercon C, Honda HMMF, Toyota TC, Nissan NS-2

SIZE	CODE
1 Litre	XVT001

## Axle Oils

### Driveline Axle

**CARLUBE DRIVELINE AXLE OILS** offer exceptional wear protection for heavy duty axles and gears operating under highly stressed conditions. These fluids also help prevent bearing failure and offer corrosion protection.

#### Advantages:

- Superior anti-wear performance
- More uptime allowing equipment to work harder for longer
- Broad spectrum of OEM credentials

#### Products included within the Driveline Axle range:

- Driveline 75W-90 Axle Oil
- Driveline 80W-90 Axle Oil

#### Main Specifications covered:

- API GL-5
- MB 235.0
- Volvo 97310/97316
- MAN 342 Type M1







## 75W-90 FULLY SYNTHETIC

### SPECIFICATIONS

API GL-5, DAF, MAN 342-Type M1, MB 235.0,  
MIL-L2105-D, Voith 3.325-339, Volvo 97310/97316,  
ZF TE-ML 07A, 08, 16B, 16C, 16D, 17B, 19B, 21A

SIZE	CODE
1 Litre	XZF001
4.55 Litre	XZF455
20 Litre	YZF020
199 Litre	YZF199



## 85W-140 MINERAL

### SPECIFICATIONS

API GL-5

SIZE	CODE
1 Litre	XEM010
20 Litre	YEM020
199 Litre	YEM199



## 80W-90 MINERAL

### SPECIFICATIONS

API GL-5, DAF, MAN 342-Type M1, MB 235.0,  
MIL-L2105-D, Voith 3.325-339, Volvo 97310/97316,  
ZF TE-ML 07A, 08, 16B, 16C, 16D, 17B, 19B, 21A

SIZE	CODE
1 Litre	XEY010
4.55 Litre	XEY455
20 Litre	YEY020
199 Litre	YEY199



## 80W-90 LIMITED SLIP MINERAL

### SPECIFICATIONS

API GL-5, ZF TE-ML 05C, ZF TE-ML 12C, ZF TE-ML  
16E, ZF TE-ML 21C, Arvin Meritor Axles

SIZE	CODE
1 Litre	XLS011
20 Litre	YLS020



## Total Driveline Lubricants

### Driveline TDL



**CARLUBE DRIVELINE TOP TIER SYNTHETIC LUBRICANT** developed to provide advanced protection to both manual transmissions and axles.

This product is designed to withstand severe operating conditions, and provides reliable equipment operating and wear protection over extended drain period.

#### Advantages:

- Fuel efficiency benefits
- Superior anti-wear performance
- Balanced friction performance for accurate clutch and brake operation
- Broad spectrum of OE credentials
- Anti-corrosion and rust protection
- Excellent low temperature fluidity

## 75W-90

#### SPECIFICATIONS

SAE J2360, API GL-4, API GL-5, API MT-1, MIL-PRF-2105E, MAN 341 Type Z-2, MAN 341 Type E-3, MAN 342 Type M-3, MB 235.8, Mack GO-J, Scania ST0 1:0, Arvin Meritor D-76-N, Iveco, DAF, Eaton Europe, ZF TE-ML 05B, 07A, 08, 12B, 16F, 17B, 19C, 21B

SIZE	CODE
1 Litre	XDL001
4.55 Litre	KAV455
20 Litre	KAV020
199 Litre	KAV199



# Hydraulic Fluids

**CARLUBE HYDRAULIC FLUIDS** are used to transmit energy in hydraulic systems. These products offer excellent lubrication, corrosion and anti-wear properties. They are available in both HM and HV grades.

Carlube offers a range of high performance hydraulic oils covering a range of viscosities from ISO 32 to ISO 68 that are suitable for use in higher temperature environments. Our hydraulic oils have been designed to be used in demanding applications for example, vane or gear pumps, machine tools and industrial plant environments.

### Advantages:

- Provide excellent lubrication for pumps, valves and actuators
- Good resistance to foaming and cavitation, resulting in cleaner higher performing systems
- Outstanding thermal and oxidation stability, improving system reliability, cleanliness, leading to longer operating life
- Offers good protection against rust and corrosion

### Products included within the: Carlube Hydraulic Fluids range:

- Hydraulic 32 HV
- Hydraulic 32 HM
- Hydraulic 46 HV
- Hydraulic 46 HM
- Hydraulic 68 HM



**Hydraulic Oil 32 HM**

SIZE	CODE
4.55 Litre	XFP455
25 Litre	YFP025
199 Litre	YFP199

**Hydraulic Oil 32 HV**

SIZE	CODE
25 Litre	YSH025
199 Litre	YSH199

**Hydraulic Oil 46 HM**

SIZE	CODE
25 Litre	YHK025
199 Litre	YHK199

**Hydraulic Oil 46 HV**

SIZE	CODE
25 Litre	YSL025
199 Litre	YSL199

**Hydraulic Oil 68 HM**

SIZE	CODE
25 Litre	YHL025
199 Litre	YHL199

## Hydraulic & Power Steering Fluids

**CARLUBE OFFER POWER STEERING AND SUSPENSION FLUIDS** consisting of anti-wear additives suitable for most power steering and suspension systems.

This product is suitable for use in certain power steering units, suspension systems, traction control systems, electric soft-tops and central locking systems.

### Advantages:

- High aging stability
- Optimum viscosity
- Outstanding seal & corrosion protection
- Excellent low temperature fluidity



### CHF Hydraulic Power Steering Fluid

#### SPECIFICATIONS

ISO 7308, VW G002 00/G004 000, VW TL52146, BMW 81.22.9.407.758, MB 345.0, Opel B040.0070, Citroen LDS, Porsche 00.043.203.33, Ford M2C-204-A, MAN 3623/93

SIZE	CODE
500ml	HPF500
1 Litre	HPF001

### Power Steering Fluid

#### SPECIFICATIONS

Dexron III, Dexron IID, IIE, Ford M2C-166H, M2C-195A

SIZE	CODE
500ml	XPFS00
1 Litre	XPFO01
4.55 Litre	XPF455

## Brake Fluids

**CARLUBE OFFER A RANGE OF HIGH QUALITY**, high boiling point brake and clutch fluids, designed for use in automotive applications as a hydraulic and drum brake systems. The products are based on polyalkylene glycol ethers and ether esters which limit the effect of moisture pick-up during service thus maintaining a high boiling point and resistance to vapour lock. Recommended for automotive type hydraulic brake mechanisms of cars, commercial vehicles and motorcycles.

Carlube DOT 5.1 is an extra high performance fully synthetic brake and clutch fluid meeting the most severe requirements of the FMVSS 116 DOT 5.1 standard. Note: Minimum boiling point: 260°C.

### Advantages:

- Excellent lubricating properties reduce wear
- High boiling point minimizes vapour lock at high operating temperatures
- Good corrosion protection for metal components
- Good compatibility with seal materials gives long component life



## DOT 3

### SPECIFICATIONS

SAE J 1703, FMVSS 116 DOT 3, ISO 4925 Class 3, JIS K 2233 Class 3

SIZE	CODE
500ml	BRF050



## DOT 4

### SPECIFICATIONS

SAE J 1704, FMVSS 166 DOT 4, JIS K 2233 Class 4, ISO 4925 Class 4

SIZE	CODE
300ml	BFL300
500ml	BFL050
1 Litre	BFL100
4.55 Litre	BFL455
20 Litre	BFL020 (Bag in a Box)



## DOT 4 ESP

### SPECIFICATIONS

SAE J 1704, FMVSS 166 DOT 4, JIS K 2233 Class 4, ISO 4925 Class 6

SIZE	CODE
500ml	BFE050



## DOT 5.1

### SPECIFICATIONS

FMVSS 166 DOT 5.1, ISO 4925 Class 5-1

SIZE	CODE
500ml	BFG050



# Adblue



Air Super Flow Bottle



Extension tube in each pack

### Advantages:

- Improves environmental impact through reduced emissions
- Reduces Nitrogen Oxides into the atmosphere, resulting in better fuel economy
- 5% reduction in fuel costs and lower servicing costs
- Carlube is suitable for all vehicles fitted with SCR systems.
- Colourless, Non-toxic and Non-flammable
- Attachable spout included with the 3.5L version for ease of use

**CARLUBE ADBLUE** is a reducing agent produced to ISO 22241 standard for SCR exhaust after-treatment devices in the latest generation of diesel powered Euro IV, Euro V and Euro VI engines.

AdBlue is used with selective catalytic reduction systems to reduce emissions of Nitrogen Oxides from the exhausts of diesel vehicles. The formulation must comply with the ISO 22241 specification and is known as Automotive Grade Urea Solution, AUS 32 and AdBlue.

The general consumption by passenger vehicles of AdBlue is around 1 Litre per 1000km, which typically leaves the vehicles having the AdBlue refilled at the regular service interval. But our technical team noticed that some vehicles are using more AdBlue meaning they require top-up between service intervals, so introduced a 3.5L top-up AdBlue to keep customers on the road.

Passenger vehicles will not operate without AdBlue, if the AdBlue tank becomes empty the vehicle will not start.

SIZE	CODE
3.5 Litre	CAB035
10 Litre	CAB010
210 Litre	CAB210

## Greases

**CARLUBE OFFER A RANGE OF HIGH PERFORMANCE GREASES** designed to operate over a wide temperature range in both automotive and industrial applications.

Our general grease and maintenance products have been designed to be used in demanding applications for example: bearings –

(plain, ball, roller, wheel), velocity and universal joints, chains and gears.

Tetrosyl has been manufacturing complex greases for Automotive and Industrial markets for over 20 years and our Technology centre ensures we stay ahead of market advancements.

### Advantages:

- Good extreme pressure performance for high and shock load protection
- Wide temperature range (-15°C to 120°C)
- High resistance to oxidation and water washout

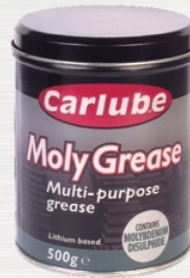


## Greases



### LM2 Lithium Multi-Purpose Grease

SIZE	CODE
70g	XMG070
400g	XMG030
500g	XMG500
3kg	XMG003
12.5kg	XMG125



### Moly Grease (with molybdenum disulphide)

SIZE	CODE
400g	XMM400
500g	XMM500
3kg	XMM003
12.5kg	XMM125



### Copper Grease Multi-Purpose

SIZE	CODE
20g	XCG020
70g	XCG070
500g	XCG500
3kg	XCG003



### EP2 Lithium Grease

SIZE	CODE
400g	XGE400
500g	XGE500
3kg	XGE003
12.5kg	XGE125

### White Grease with PTFE (Aerosol)

SIZE	CODE
400ml	TWG400







**00EP  
Autolube  
Grease**

SIZE	CODE
3kg	YAE003
12.5kg	YAE125



**000EP  
Autolube  
Grease  
(Red)**

SIZE	CODE
3kg	YEP003
12.5kg	YEP125



**EP2  
Lithium  
Complex  
Grease**

SIZE	CODE
400g	YLC400
3kg	YLC003

**Copper Grease  
(Aerosol)**

SIZE	CODE
400ml	CGA400



**100+  
Spray Grease  
(Aerosol)**

SIZE	CODE
400ml	XSG400

# Fuel & Oil Additives

## CARLUBE OFFER A FULL RANGE OF FUEL ADDITIVES

that include fuel treatments and oil additives which keep modern engines in great condition to give the best performance by improving fuel quality, reducing emissions and improving reliability.

The Petrol/Diesel Treatment products are intended to be used on a regular basis to help prevent deposit formation. If there are existing problems, then the need to use the more powerful injector cleaners is required.

Nitrox Diesel Boost gives all the benefits of the injector cleaner but also enhances the cetane number of diesel fuel. Higher cetane number allows the engine to run more smoothly and quietly. In certain types of engines this will lead to increased efficiency.

## Advantages:

- Increases and revitalizes engine oil protection
- Reduces engine wear
- Prevents engine oil sludge build up
- Keeps engines cleaner
- Reduces carbon deposits and oil consumption
- Reduces emissions

### Product range included within the Carlube Fuel & Oil additive range:

- Petrol additives
- Diesel additives
- Oil additives
- Nitrox





## Nitrox Performance Additives

### Nitrox Hot Shot Power Boost



SIZE	CODE
500ml	NHS500

### Nitrox Petrol Boost - Octane Improver



SIZE	CODE
300ml	NOB300

### Nitrox Diesel Boost - Cetane Improver



SIZE	CODE
300ml	NCE361

## Oil Additives

### Stop Smoke



SIZE	CODE
300ml	OSS300

### Engine Flush



SIZE	CODE
300ml	QPF300

### Oil Treatment



SIZE	CODE
300ml	OOT300

## Additive Twin Packs

### Pre-MOT Petrol Pack



SIZE	CODE
300ml	PMP300

### Pre-MOT Diesel Pack



SIZE	CODE
300ml	PMD300

**New  
Products in the  
Carlube Fuel  
Additive Range**



## Diesel Total Fuel System Cleaner

**CARLUBE DIESEL TOTAL FUEL SYSTEM CLEANER** is a powerful formulation containing additives designed to rapidly remove fuel deposits and the associated problems they cause in Diesel vehicles. In just one tank of fuel dosed with Carlube Diesel Total Fuel System Cleaner, significant amounts of deposits are removed in a wide range of different Diesel vehicles.

Carlube Diesel Total Fuel System Cleaner is proven to maintain the

spray pattern of injectors in a vehicle, which is critical in ensuring the correct distribution of fuel within the combustion system, by eradicating the deposits which block injector nozzle holes and prevent the flow of fuel.

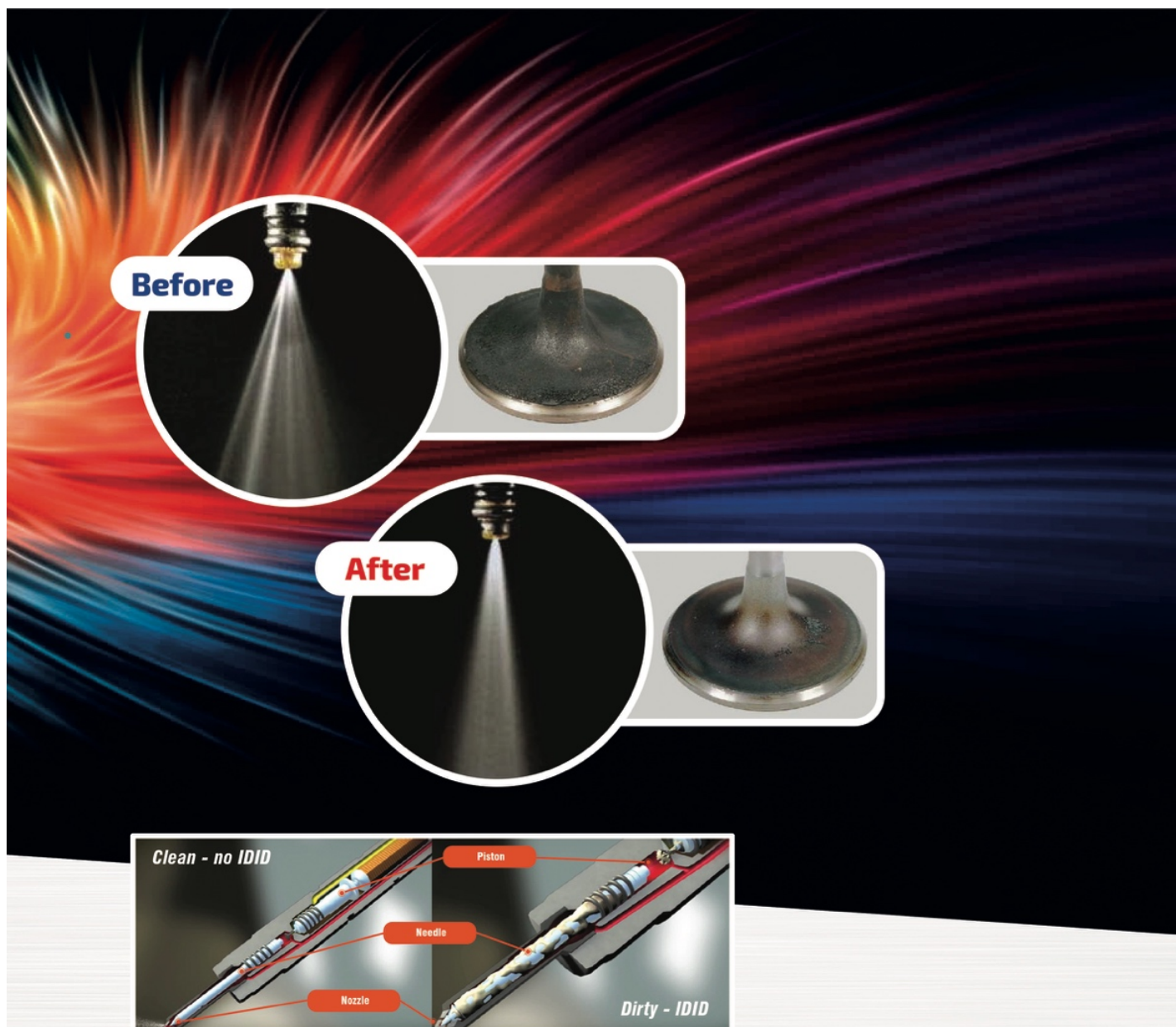
### Advantages:

- Improved, rapid cleaning of complete fuel injection system for optimum performance
- Increases cetane number of fuel

for improved combustion

- Assists in reducing the potential for increased emission output
- Helps restore fuel economy and engine performance lost by build-up of engine deposits
- Prevents and removes damaging deposits that cause power loss, rough running and injector failure

SIZE	CODE
300ml	QFD300



## Petrol Total Fuel System Cleaner

**CARLUBE PETROL TOTAL FUEL SYSTEM CLEANER** is a powerful formulation containing additives designed to rapidly remove fuel deposits and the associated problems they cause in petrol vehicles.

In just one tank of fuel dosed with Carlube Petrol Total Fuel System Cleaner, significant amounts of deposits are removed in a wide range of different petrol vehicles,

including older and high mileage models.

Carlube Petrol Total Fuel System Cleaner is designed to remove intake valve deposits rapidly and effectively, therefore preventing vehicle running problems, such as knocking, roughly idling and stalling.

### Advantages:

- Rapidly removes harmful fuel deposits on critical working engine parts in a single tank of treated fuel
- Reduces potential for breakdowns related to the fuelling system
- Supports reduction in vehicle emissions
- Helps to restore engine performance towards 'like new' condition
- Assists in reducing fuel consumption

SIZE	CODE
300ml	QFG300



**Carlube**<sup>TM</sup>

*The* **HEARTBEAT** *of your* **ENGINE**

Carlube sponsored Sam West pictured here racing at the Isle of Man TT



## Motorcycle Oils

### CARLUBE PROVIDE A RANGE OF HIGH PERFORMANCE

**MOTORCYCLE OILS** which are formulated to cope with the high revving and higher operating temperatures experienced with motorcycle engines.

They are suitable for small engined scooters to large V twins, sports and racing motorcycles.

### Advantages:

- Eliminates piston ring and prevents power valve sticking providing a cleaner engine allowing for long lasting power and best performance
- Proven engine durability and cleanliness allowing for long lasting power
- Prevention of soot formation, sludge and deposits in turn protecting engine from damage
- Constant lubrication protecting all engine components against wear

### 4-Stroke Semi-Synthetic

SPECIFICATIONS  
API SL, JASO MA2

SIZE	CODE
1 Litre	XFS451
20 Litre	YFS020

### 4-Stroke Fully Synthetic

SPECIFICATIONS  
API SM, JASO MA2

SIZE	CODE
1 Litre	XFS401

### 2-Stroke Mineral

SPECIFICATIONS  
API TC, JASO FB

SIZE	CODE
3.5 Litre	CAB035
10 Litre	CAB010
210 Litre	CAB010

### 2-Stroke Fully Synthetic

SPECIFICATIONS  
API TC, JASO FC, ISO-L-EGI

SIZE	CODE
1 Litre	XFS201

### 2-Stroke Semi-Synthetic

SPECIFICATIONS  
API TC, JASO FC, ISO-L-EGI

SIZE	CODE
1 Litre	XSS010

# Lawnmower Oils

**CARLUBE GARDEN MACHINERY OIL** is blended from the highest quality oils and additives for multi and single cylinder engines. Garden Machinery oils are high performing universal lubricants for modern 2 Stroke/4 Stroke petrol engines fitted to agricultural and horticultural machinery.

The product is equally suitable in both "in-tank" petrol mix systems and metered lubrication injection systems.

### Advantages:

- Blended from high quality base stocks
- Good oxidation stability
- Excellent dispersion in petrol
- Contains clean burning low ash additives
- Low deposits on plugs, exhaust ports, piston rings and crowns
- Contains rust and corrosion inhibitors

## 2-Stroke Garden Machinery Oil

SIZE	CODE
500ml	XLN501

## 4-Stroke G Machinery

SIZE	CODE
500ml	XLMS1
1 Litre	XLMO1







## Chainsaw Oils

**CARLUBE'S HIGH QUALITY CHAINSAW OIL** is specially formulated from solvent refined paraffinic base oil that is treated with additives to prevent the oil being flung off the chain, thus minimising wear.

It is recommended primarily, for the bars and chains of pump fed chainsaws, but can also be used in pressure fed chainsaws.

### Advantages:

- Prolongs the service life of chainsaws due to good oxidation resistance, excellent anti-wear and anti-corrosion properties
- Provides excellent anti fling properties due to a tackifying agent that prevents oil from being thrown off high speed chains
- Good penetrating properties

### Products included within the Carlube Chainsaw Oils range :

- Carlube Chainsaw Oil

### Specifications covered:

- API TC/SF
- SAE 30
- ISO 220

SIZE	CODE
1 Litre	XPM011
4.55 Litre	XPM455

arden Oil



## Marine Oils

**CARLUBE OFFER A HIGH PERFORMANCE MARINE OIL** which is specially developed to satisfy and meet the requirements of water-cooled outboard marine 2-Stroke engines for both leaded and unleaded petrol engines.

Also within the range is Carlube's Aqua Slip Marine Grease which has been formulated as an all-purpose grease for boats, boat trailers and other marine applications.

The high resistance to water wash-off and corrosion protection make it an ideal choice for boats,

trailer wheel bearings, swivel hinges, pins, propeller shafts, cables and pulleys, winches and other routine marine maintenance.

### Advantages:

#### 2-Stroke Marine Oil:

- Excellent protection against piston scuffing and seizure
- Ashless detergent, dispersant additives reduce engine deposits and ring sticking
- Strong anti-gel performance
- Excellent rust protection
- Self-mixing

#### AQUASLIP Grease:

- Resistant to water and salt water
- Good shear stability
- Protects against rust and corrosion
- Long lasting

#### Products included within the Carlube Marine Oils range:

- Carlube 2-Stroke Marine Oil
- Carlube AQUASLIP Waterproof Grease



### DFI 2 Stroke Oil

#### SPECIFICATIONS

NMMA TC-W3

SIZE	CODE
1 Litre	MDI001

### Endurance 2 Stroke Oil

#### SPECIFICATIONS

NMMA TC-W3

SIZE	CODE
1 Litre	MTS011

### Aqua Slip Waterproof Grease

SIZE	CODE
500g	WPG500

## Classic Oils



**MODERN LUBRICANTS ARE FORMULATED** for modern engine designs to enable modern vehicles to meet emissions legislation. This results in increasingly thinner semi and/or fully synthetic oils. Usually these oils are not suitable for older vehicles, which were designed to use mainly mineral oils with higher viscosities.

Carlube Classic Oils are a range of specialist lubricants designed for use in veteran, vintage and classic motor vehicles. The high quality, low detergent monograde mineral lubricants are suitable for use in naturally aspirated 4 stroke petrol and diesel engines and manual operated gearboxes of that age, providing maximum protection to prolong the life performance of treasured classics.

### Designed for

- *Veteran cars (pre-1918)*
- *Vintage antique (1939-1959)*
- *Vintage cars (1920-1930)*
- *Classic cars (post 1945)*
- *Post vintage (1931-1939)*

### Advantages:

#### Carlube Classic 30:

- Provides optimum lubrication protection
- Non-detergent motor oil
- Meets period performance requirements
- Ideal for cold autumn & winter conditions as lower viscosity ensures rapid circulation

#### Carlube Classic 40:

- Provides optimum lubrication protection
- Non-detergent motor oil
- Meets period performance requirements
- Ideal for summer conditions for starting and high temperature performance

#### Carlube Classic 20W-50:

- Provides optimum lubrication protection
- Low detergency
- Multigrade oil for use in summer and winter

### SAE30 MINERAL OIL

**SPECIFICATIONS**  
API SA

SIZE	CODE
4.55 Litre	XAE030

### SAE40 MINERAL OIL

**SPECIFICATIONS**  
API SA

SIZE	CODE
4.55 Litre	XAE040

### 20W-50 MULTIGRADE OIL

**SPECIFICATIONS**  
API SE/CC

SIZE	CODE
4.55 Litre	XAE250



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