

CHAMPION COOLANTS & ANTIFREEZE RANGE

DISCOVER OUR TECHNOLOGY
ENHANCED COOLANTS AND
ANTIFREEZE RANGE FOR
PASSENGER CARS, COMMERCIAL
AND HEAVY DUTY VEHICLES.



CHAMPION[®]
LUBRICANTS

BREAK NEW GROUND

Champion are the lubricants of choice whenever outward performance relies on inner power.

As individuals, we are always pushing ourselves, trying to go faster and further, reaching new heights. In doing so, we have never demanded as much from the engines that drive our vehicles as we do today.

RISE. EXPLORE. DEFY.

We take you places where you didn't think you could go. It's about where you've never been before, unfamiliar roads, but with confidence. It's about facing new challenges heads on, without giving up. It's about you against the rest, it's about us together against the world.

A TRUE LUBRICANT POWERHOUSE

As one of Europe's leading independent lubricants companies, we pride ourselves on being a 'pure player' in our industry. We are 100% dedicated to lubricants.

We are a specialist, focusing on meeting the diverse needs and requirements of our customers with high-quality, technology-enhanced lubricants. Thanks to the expertise of our dedicated R&D team, our on-site laboratory and ISO certification, we guarantee the highest quality at every step of our production process.



WOLF OIL CORPORATION
BELGIAN COMPANY,
+65 YEARS OF EXPERIENCE



1 OF THE LARGEST
INDEPENDENT LUBRICANT
MANUFACTURERS IN EUROPE



IN-HOUSE LABORATORY
R&D AND FULL CONTROL OVER QUALITY



OEM EXPERIENCE
FACTORY AND SERVICE FILL



ISO CERTIFIED
QUALITY & ENVIRONMENTAL
MANAGEMENT SYSTEMS



MORE THAN 300 OEM APPROVALS
PROOF OF TOP QUALITY PRODUCTS

CHOOSE THE RIGHT COOLANT & ANTIFREEZE FOR YOUR VEHICLE

Modern engines with their smaller and lighter design are purposed for increased power output resulting in **higher operating temperatures** putting ever increasing demands on your vehicle and its components. The cooling system and the fluid that runs through it are no exception.

Choosing **the right coolant & antifreeze** will help by not just regulating your engines temperature, but more importantly, **ensuring the performance and longevity** of your vehicle and avoid cooling system failure - one of the most common causes of vehicle breakdowns.

The choice of an **incorrect or low-quality coolant & antifreeze** risks exposing your vehicle to the build-up of rust and scale leading to **engine failure** and stressful unplanned maintenance and the costs that come with it.

Keep reading to learn about the functions of high quality coolants & antifreeze.

PROPERTIES OF YOUR HIGH QUALITY COOLANT & ANTIFREEZE:



HEAT DISSIPATION:

Removes heat from your engine to ensure that it does not overheat.



ANTIFREEZE:

Glycol offers not only anti-boil but also antifreeze properties so the engine can operate at extremely low temperatures [up to -36 degrees °C].



ANTI-CORROSION:

Inhibitors prevent rust and scale formation in the vehicle's internal components.



ENVIRONMENTALLY FRIENDLY:

Lower toxic formulation with higher level of biodegradability in line with the latest EU regulations.

DID YOU KNOW?

1. A coolant is ready-to-use, an antifreeze needs to be mixed typically at a mixing ratio of 50:50 [vol%] with only distilled or demineralized water.

2. A survey found that 7 out of 10 vehicles contain rust and scale deposits which highlights the importance of a coolant's & antifreeze's anti-corrosion properties.

3. Just 0.6mm of deposits can reduce heat dissipation by up to 40% which can contribute to engine failure.

SOURCE: Construction equipment, September 1996 p. 62

SOURCE: Construction Equipment, June 1997, p. 84

CHAMPION COOLANT & ANTIFREEZE IN THE SPOTLIGHT

Champion has introduced new Coolant & Antifreeze fluids to its range. Designed for modern high-performance engines, these PSI-OAT technology fluids will help reduce engine operating and maintenance costs to give you the peace of mind that only reliable performance can offer.

DID YOU KNOW?

4. Many coolants in the market today use recycled glycols that have a higher formic acid content thereby reducing anti-corrosion properties.

5. We use mono-ethylene glycols with state-of-the-art PSI-OAT corrosion protection technology. Organic acids work together with mineral inhibitors for the best possible protection.

CHOOSE THE RIGHT COOLANT & ANTIFREEZE FOR YOUR VEHICLE: **FAQ**






Does the colour of a given coolant & antifreeze say something about its quality and performance?

A coolant is nearly always coloured because otherwise it would be water-white! The colour chosen for a coolant/antifreeze differs from one manufacturer to the next and is not an indication of fluid quality and performance. The most common colours are blue, green, orange pink and red.





























I need to replace the fluids in my cooling system, does it matter if the colour or technology are different to the fluid that it is replacing?

Colour: no. Technology: check the table!

Whilst it is always recommended to use the same fluid as prescribed by the OEM, in some cases it is possible to mix. Please see chart right for compatibility.

PRODUCT	TYPE	TECHNOLOGY	PROPERTIES	SPECIFICATIONS
 COOLANT EVO LL -36°C	COOLANT	PSI-OAT (Phosphate Silicate Organic Acid Technology)	 HEAT DISSIPATION	ASTM D4985, D3306 SAE J1034 BMW LC-97 / LC-87 / LC-18 DAIMLER TRUCK DTFR 29C120 / 29D100 DEUTZ DQC CC-14 FORD ESD-M97B49-1 / WSS-M97B44-D / M97B57-A1 JLR STJLR.651.5003 MAN 324 SI-OAT EVO VOLVO TR-31854114-002
 ANTIFREEZE EVO LL			ANTIFREEZE [Concentrate]	 ANTI-CORROSION
			 ENVIRONMENTALLY FRIENDLY	PROTECTION PERIOD Every 6 years or 250,000km, whichever comes first

* Current VW vehicle generation.

MIXABLE WITH	G11	G12+	G12++	G13	EVO
G11					
G12+					
G12++					
G13					
EVO					
	ALWAYS MISCIBLE				
	MISCIBLE, BUT WITH LOSS OF PROTECTION CAPACITY				
	NOT MISCIBLE				

COOLANT EVO LL -36°C

PRODUCT CODE
50154

PURPOSE

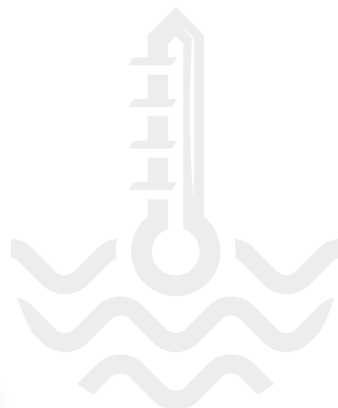
Designed for modern high-performance engines, this environmentally friendly ready to use long lifetime PSi-OAT coolant helps reduce engine operating and maintenance costs.



KEY APPLICATIONS

Universally applicable fluid covering both newer and older vehicles from EU, US and Asian OEMs in the passenger car, light-duty and heavy-duty vehicles segments. Miscible with all coolant technologies.

[See the miscibility table.]



PROPERTIES

- Excellent heat transfer and dispersion.
- Outstanding corrosion protection.
- Superior cold temperature performance.
- Excellent protection against cavitation.

CORE STANDARDS & SPECIFICATIONS

ASTM D4985, D3306

SAE J1034

BMW LC-97 / LC-87 / LC-18

DAIMLER TRUCK DTFR 29C120 / 29D100

DEUTZ DQC CC-14

FORD ESD-M97B49-1 / WSS-M97B44-D / M97B57-A1

JLR STJLR.651.5003

MAN 324 SI-OAT EVO

VOLVO TR-31854114-002

VW TL 774-L [G12 EVO]* / TL 774-J [G13] / TL 774-G [G12++] / TL 774-F [G12+] / TL 774-D [G12] / TL 774-C [G11]







KEY SELLING POINTS

- Long-term engine protection [every 6 years or 250,000km].
- VW TL 774-L [G12 EVO] conformity in line with latest generation VW cooling technology.
- Supersedes and backwards compatible with previous G13, G12++, G12, and G11 coolants.
- Multi-OEM, Cross-segment [Passenger-car, HD on/off etc.] compatibility.
- EVO LL: Environmentally friendly additives with low toxicity and high biodegradability.
- Compliant with the latest EU legislation.

DID YOU KNOW?

- Over 20% of engine failures can be attributed to cooling system failure.
- 7 out of 10 vehicles contain rust and scale and just 0.6mm can reduce heat dissipation by up to 40% which can contribute to engine failure.
- We use mono-ethylene glycols with state-of-the-art PSi-OAT corrosion protection technology where organic acids work together with mineral inhibitors for the best possible protection.
- The glycol in coolants tastes naturally sweet so a bittering agent is usually added.
- Colour is not an indication of performance but is instead used for easier identification.

PACKAGING AND PART NUMBERS

		
1L 1052670	4L 1052782	5L 1052671
20L 1052672	60L 1052673	205L 1052640
		

* Current VW vehicle generation.
Champion reserves the right to alter the general characteristics of our products in order to let our customers benefit from the latest technical evolutions.

ANTIFREEZE EVO LL

PRODUCT CODE
50054

PURPOSE

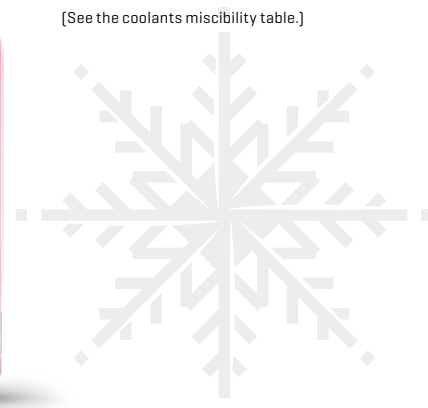
Designed for modern high-performance engines, this environmentally friendly ready to use long lifetime PSi-OAT coolant helps reduce engine operating and maintenance costs.



KEY APPLICATIONS

Universally applicable fluid after dilution, covering both newer and older vehicles from EU, US and Asian OEMs in the passenger car, light-duty and heavy-duty vehicles segments. Miscible with all diluted antifreeze technologies.

[See the coolants miscibility table.]



PROPERTIES

- Excellent heat transfer and dispersion.
- Outstanding corrosion protection.
- Superior cold temperature performance.
- Excellent protection against cavitation.

CORE STANDARDS & SPECIFICATIONS

ASTM D4985, D3306

SAE J1034

BMW LC-97 / LC-87 / LC-18

DAIMLER TRUCK DTFR 29C120 / 29D100

DEUTZ DQC CC-14

FORD ESD-M97B49-1 / WSS-M97B44-D / M97B57-A1

JLR STJLR.651.5003

MAN 324 SI-OAT EVO

VOLVO TR-31854114-002

VW TL 774-L [G12 EVO]* / TL 774-J [G13] / TL 774-G [G12++] / TL 774-F [G12+] / TL 774-D [G12] / TL 774-C [G11]







KEY SELLING POINTS

- Long-term engine protection [every 6 years or 250,000km]
- VW TL 774-L [G12 EVO] conformity in line with latest generation VW cooling technology
- Supersedes and backwards compatible with previous G13, G12++, G12, and G11 coolants
- Multi-OEM, Cross-segment [Passenger-car, HD on/off etc.] compatibility
- EVO LL: Environmentally friendly additives with low toxicity and high biodegradability
- Compliant with the latest EU legislation

DID YOU KNOW?

- Antifreeze is a concentrated form of coolant.
- The best ratio to optimise engine protection is 50:50 antifreeze and deionised water.
- Using tap water could lead to blocking of the system or to water pump failure.
- Colour is not an indication of performance but is instead used for easier identification.
- The glycol in antifreeze tastes naturally sweet so a bittering agent is usually added.

PACKAGING AND PART NUMBERS

		
1L 1052674	5L 1052675	20L 1052676
60L 1052847	205L 1052677	1000L -
		

* Current VW vehicle generation.
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CHOOSE THE RIGHT COOLANTS & ANTIFREEZE FOR YOUR VEHICLE

As one of Europe's leading independent lubricants blenders, Champion has a history of engine fluid expertise you can rely on. This deep knowledge has helped us provide high quality coolants and antifreeze to our customers for decades, whether they are on-the-road in a passenger car or onsite in a heavy-duty machine. To view our full range below and choose a coolant for your own vehicle's needs by using our online recommendation tool.

	COOLANT EVO LL -36°C	COOLANT ASIAN-36°C	COOLANT G12+ LL-36°C	COOLANT G11-36°C	ANTIFREEZE EVO LL	ANTIFREEZE G12+ LL	ANTIFREEZE G11	E-PULSE COOLANT	E-PULSE LC COOLANT	E-PULSE LC COOLANT FCEV
										
	PRODUCT CODE 50154	PRODUCT CODE 50155	PRODUCT CODE 50151	PRODUCT CODE 50150	PRODUCT CODE 50054	PRODUCT CODE 50051	PRODUCT CODE 50050	PRODUCT CODE 65340	PRODUCT CODE 65341	PRODUCT CODE 65342
PACKAGING	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
1L	1052670	1052687	1052665	1052664	1052674	1052663	1052662	-	-	-
4L	1052782	-	1052781	-	-	-	-	-	-	-
5L	1052671	1052688	1052669	1052668	1052675	1052667	1052666	1053467	COMING SOON	COMING SOON
20L	1052672	1052689	1052618	1052600	1052676	1052635	1052606	-	-	-
60L	1052673	1052690	1052619	1052601	1052847	1052636	1052607	-	-	-
205L	1052640	1052691	1052620	1052602	1052677	1052637	1052608	-	-	-
1000L	-	1052692	-	1052603	-	-	-	-	-	-

ALL PACKAGING SIZES MAY NOT BE AVAILABLE IN ALL MARKETS.

BEFORE USE, ALWAYS REFER TO THE OWNER MANUAL OR HANDBOOK OF THE VEHICLE.



Scan the QR code to follow us on social media or download the **Champion Product Finder** to use always the right product for every application.

