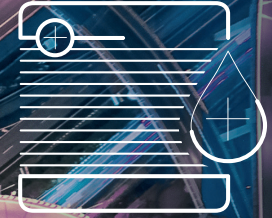


# WOLF COOLANTS & ANTIFREEZE RANGE

Discover our technology enhanced coolants and antifreeze range for passenger cars, commercial and heavy duty vehicles.





# WOLF, THE VITAL LUBRICANT

Wolf Lubricants quite literally bring engines to life, delivering the highest levels of efficiency and performance, with products that set new standards of reliability and protection.

With the exponential speed at which new and cleaner engine technologies are being developed, Wolf continues to be at the forefront of these innovations with cutting-edge products that meet the latest standards and official OEM approvals.



# A STRONG COMPANY BEHIND THE BRAND

## WE PRIDE OURSELVES ON BEING A 'PURE PLAYER' IN OUR INDUSTRY.

We are 100% dedicated to lubricants. We've been creating next-generation products since 1955 and have accumulated more than 65 years of knowledge and expertise. As one of Europe's leading independent lubricants blenders, we are specialists, focusing on meeting the diverse needs of our customers with high-quality, technology-enhanced lubricants.

We add value with a full-service approach that includes technical advice, fast supply and on-going training and support.



**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

**+300**  
APPROVALS

**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







# WOLF COOLANT & ANTIFREEZE IN THE SPOTLIGHT

Wolf 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.

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

\* Current VW vehicle generation.



# 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.

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 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 DTRF** 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)

\* Current VW vehicle generation.

Wolf reserves the right to alter the general characteristics of our products in order to let our customers benefit from the latest technical evolutions.







## 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

		
<b>1L</b> 1052678	<b>5L</b> 1052661	<b>20L</b> 1052642
<b>60L</b> 1052679	<b>205L</b> 1052680	<b>1000L</b> 1052580
		



# 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)

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- 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

		
<b>1L</b>	<b>5L</b>	<b>20L</b>
1052681	1052682	1052683
<b>60L</b>	<b>205L</b>	<b>1000L</b>
1052684	1052685	-
		



# CHOOSE THE RIGHT COOLANTS & ANTIFREEZE FOR YOUR VEHICLE

As one of Europe's leading independent lubricants blenders, Wolf 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 LL -36°C	COOLANT G12+ LL -36°C	COOLANT G11 -36°C	COOLANT G11 GREEN -17°C	ANTIFREEZE EVO LL	ANTIFREEZE G12+ LL	ANTIFREEZE G11	ELECTRUM COOLANT	ELECTRUM LC COOLANT	ELECTRUM LC COOLANT FCEV
											
	PRODUCT CODE 50154	PRODUCT CODE 50155	PRODUCT CODE 50151	PRODUCT CODE 50150	PRODUCT CODE 50157	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	PART NUMBER
1L	1052678	1052693	1052656	1052655	-	1052681	1052652	1052651	-	-	-
5L	1052661	1052694	1052660	1052659	1053484	1052682	1052658	1052657	1052699	COMING SOON	COMING SOON
20L	1052642	1052695	1052623	1052594	-	1052683	1052629	1052611	-	-	-
60L	1052679	1052696	1052624	1052595	-	1052684	1052630	1052612	-	-	-
205L	1052680	1052697	1052625	1052596	1053485	1052685	1052631	1052612	-	-	-
1000L	1052580	1052698	1052626	1052597	1053486	-	1052632	-	-	-	-

\* ALL PACKAGING SIZES MAY NOT BE AVAILABLE IN ALL MARKETS.

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



Download the **Wolf Lubricant Finder** application and always find the right lubricant for any vehicle.



[wolflubes.com](http://wolflubes.com)

