



VOLPET PETROL ÜRÜNLERİ
OTOMOTİV İNŞ.SAN.TİC.LTD.ŞTİ.

AUTOMOTIVE
RESTORE
PRODUCTS

ALCHEM VP

AdBlue®

**DONAU
CHEM**

LIFEPROOF®



+90 (312) 278 55 22

+90 (312) 278 55 23

info@volpet.com.tr

www.volpet.com.tr

CERTIFICATES

Certificate

Qualitätsmanagement Center im
Verband der Automobilindustrie e.V.
Behrenstrasse 35
10117 Berlin
Germany

Volpet Petrol
Ürünleri Otom. Ins. San.
Tic. Ltd. Sti.

Oto Sanayi Sitesi 4, Cadde 2560,
Sokak No:31, Şaşmaz-Etmesgut-
ANKARA

Turkiye

has applied for a license to use the
trademark AdBlue®.

As a precondition for granting the
license VDA QMC conducted a qual-
ity audit based on ISO 22241.

The company Volpet Petrol has es-
tablished and applies a manage-
ment system according to VDA
guideline "Minimum requirements on
Management Systems in AdBlue®
production and distribution chain".

The list of VDA-licensees is available on:
<https://www.vda.de/en/topics/innovation/en/missionreduktion/adblue>

The verification has been realized by
a certification audit.

Date of certification:
June 25, 2022

Number of certificate:
0004668

Valid until:
June 24, 2025

signed:
Heinz Günter Plegniere
Managing Director
VDA QMC

TÜRK STANDARLARI ENSTİTÜSÜ
TÜRK STANDARLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Belge Numarası / Reference Number of License: 0367807-TSE-0101
Belgenin İlk Veriliş Tarihi / Date of First Issue of License: 19.11.2024
Belgenin Son Geçerlilik Tarihi / License Validity: 19.11.2025
Belge Sahibi Kuruluşun Adı / Name of the License Holder: VOLPET PETROL ÜRÜNLERİ OTOMOTİV İNŞAAT SANAYİ TİCARET LİMİTED ŞİRKETİ
Belge Sahibi Kuruluşun Adresi / Address of the License Holder: BAĞCIKAPYI MAH. 2560 CAD. VOLPET PETROL ÜRÜNLERİ NO:31 ETİMESGÜT/ ANKARA/TÜRKİYE
Üretim Yeri Adı / Name of the Manufacturing Place: VOLPET PETROL ÜRÜNLERİ OTOMOTİV İNŞAAT SANAYİ TİCARET LİMİTED ŞİRKETİ
Üretim Yeri Adresi / Address of the Manufacturing Place: SARAY MAH. 141 CAD. NO:5 ANKARA / TÜRKİYE
İptal Edilen Belge Numarası (Var) / Repeal of the Superseded License (if any):
Tescilli Ticari Markası / Registered Trade Mark: anthem vp
İlgili Türk Standardı / Related Turkish Standard: TS ISO 22241-1:19:02:2021
Belge Kapsamı / Scope of License: Diğer notlar: NOK alınmışta Model AB 32

19.11.2024
Belgelendirme Merkezi Başkanı Adına
ÖZGÜR ÖZKOÇKİ
KİMYA SEKTÖR MÜDÜRÜ

CERTIFICATE
VOLPET PETROL ÜRÜNLERİ OTOMOTİV
İNŞAAT SANAYİ TİCARET LİMİTED ŞİRKETİ
MERKEZ ADRESİ: BAĞCIKAPYI MAH. OTO SANAYİ SİTESİ 4. CAD. 2560. SOK. NO:31
ETİMESGÜT/ ANKARA / TÜRKİYE
FABRİKA ADRESİ: SARAY MAH. 141 CAD. NO:5
KAHRAMANKAZAN / ANKARA / TÜRKİYE

Has been assessed and found to Comply with the Requirements of:
Denetlenmiş ve aşağıdaki standartların gerekliliklerine uygunluğu görülmüştür:

ISO 14001:2015
The Environmental Management System is applicable to
Çevre Yönetim Sistemi:

MANUFACTURING, FILLING, SALES AND IMPORT OF UREA SOLUTION (ADBLUE),
MANUFACTURING AND SALES OF WINDSHIELD CLEANER WITH ANTIFREEZE
AND RADIATOR ANTIFREEZE, DISTILLED WATER AND LIQUID SOAP
ÜRE SOLÜSYONU (ADBLUE) İMALATI, DOLUMLU SATIŞI VE İTHALATI,
ANTİFİZİRLİ ÖN CAM TEMİZLEYİCİ VE RADIYATÖR ANTİFİZİRLİ SAJ SU
VE SIVI SABUN İMALATI VE SATIŞI

Certificate Number: EMS-0109865 Initial Certification Date: 27.02.2023
Belge Numarası: EMS-0109865 İlk Belgelendirme Tarihi: 27.02.2023

Certification Period: 3 Years Belgelendirme Periyodu: 3 Yıl
Certificate Validity Date: 26.02.2025
Belge Geçerlilik Tarihi: 26.02.2025

QSR Sertifikasyon Oranç

QSR ULUSLARARASI BELGELENDİRME HİZMETLERİ LTD.ŞTİ.
Beşirler Mah. Saraypazarı Sk. No:3 Saraylar Plaza K2 Kat: 06354
Tel: +90 224 256 01 10 Faks: +90 224 256 41 13 www.ispart.com e-posta: info@ispart.com

RESTORE
PRODUCTS

Official Distributor

VOLPET PETROL ÜRÜNLERİ SAN. TIC. LTD.

Is hereby appointed an official exclusive distributor in **Turkey** for **RESTORE**® and all related products of **RESTORE International** and is authorized to provide sales and support for all those products.

VOLPET PETROL ÜRÜNLERİ SAN. TIC. LTD. may publicly represent themselves as an official distributor of **RESTORE**® and related products during the validity of this certificate.

This certificate is valid till **December 31, 2016**

18. Patissonner, Patisseries
80994-1-15300 / CELESTRE
Tel: 03 20 48 97 40
Fax: 03 20 48 97 40
Jacques-Pierre Nollet
International Sales Manager

Sertifika

VOLPET PETROL ÜRÜNLERİ OTOMOTİV İNŞAAT
SANAYİ TİCARET LİMİTED ŞİRKETİ
MERKEZ: BAĞCIKAPYI MAH. OTO SANAYİ SİTESİ 4. CADDE 2560. SOKAK NO:31
ETİMESGÜT/ ANKARA / TÜRKİYE
FABRİKA: SARAY MAH. 141 CAD. NO: 5 KAHRAMANKAZAN - ANKARA /
TÜRKİYE

Ürünlerin / Products İngilizce İsmi / Name in English:

ISO 9001:2015
KALİTE YÖNETİM SİSTEMİ
Management System

ANS 92 İMALATI (DOLUMLU SATIŞI) VE İTHALATI; ANTİFİZİRLİ ÖN CAM
TEMİZLEYİCİ VE RADIYATÖR ANTİFİZİRLİ İMALATI VE SATIŞI
SAJ SU VE SIVI SABUN İMALATI VE SATIŞI

Belgenin / Certificate No: 19/2011
Belgelendirme Tarihi / Issuance Date: 2009/2009
Belgenin / Certificate No: 1404/2021 Belge
Geçerlilik Tarihi / Validity Date: 06/01/2023

Denetim / Audit: Cedric Aytekin



Our Mission

Our principle of professionalism is to consider the needs of the era, use resources effectively and efficiently and meet the evolving product and service expectations of our staff, customers and all supplier companies.

We aim to conduct our activities in the Turkish petroleum products market and on the international platform in accordance with ethical and universal norm, adhering to the principles of honest competition.

Our Vision

Fully aware of our esteemed reputation in the industry, we uphold a commitment to delivering high-quality, customer-focused services, guided by reason and science and supported by our dynamic team without compromising our values. Our goal is to continue our journey as a trusted and globally recognized brand.



AdBlue®



AdBlue® Quantity



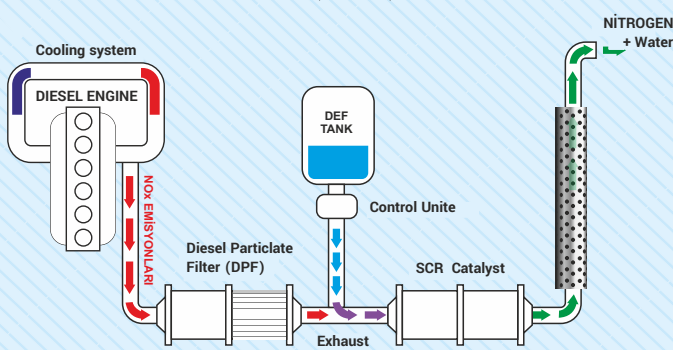
The amount of AdBlue® required for the SCR system depends on the needs we aim to address. To comply with the conditions of the current EURO 4 regulation, the additive should constitute 3-4% of the fuel, while for EURO 5 compliance, this percentage should increase to 5-7%. In commercial vehicles, approximately 1.4 liters of AdBlue® are consumed per 100 km.



What Happens If Your Vehicle Runs Out of AdBlue®?

If the AdBlue® tank runs dry, it can lead to exceeding the permissible emission levels, causing damage to the catalyst in a short time. The results are stored in the OBD system (On-Board Diagnostic) and are periodically monitored during inspections.

AdBlue® Tech (SCR)



- Reduces emissions caused by nitrogen oxides and particulates.
- Meets EURO 4, EURO 5, EURO 6, and EURO 7 emission regulations.
- Enables diesel engines to burn fuel efficiently and cleanly.
- Tests have shown lower fuel consumption compared to similar vehicles with EURO 3 engines.
- Provides annual road tax advantages in many European countries.

This method aims to reduce pollutant emission levels, such as nitrogen oxides (NOx). The key factor in this process is the use of AdBlue®. This solution is sprayed into the exhaust gases before reaching the catalyst. The high heat at this point converts AdBlue® into ammonia. The ammonia then reacts with the nitrogen oxides as it passes through the catalyst, converting them into two elements harmless to the atmosphere: nitrogen and water vapor.

Preservation AdBlue®



Storage Recommendations

- To prevent crystallization, which occurs at -11.5 °C, it is recommended to store AdBlue® at temperatures above -11 °C.
- Keep it protected from sunlight to prevent algae formation.
- Use well-designed storage tanks to protect the solution from contamination.
- Prolonged storage above 30 °C can cause hydrolysis, reducing AdBlue®'s effectiveness and shelf life.
- Under EU conditions, the shelf life of AdBlue® is approximately one year.

Shelf Life

The maximum storage period is 12 months, provided AdBlue® is stored under proper conditions (in a shaded, dry area with temperatures between -11 °C and +30 °C). In addition to temperature, tightly sealed packaging is also a crucial factor for maintaining the solution's quality.

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The list of VDA-licensees is available on:
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emissionsreduktion/adblue](https://www.vda.de/en/topics/innovations/emissionsreduktion/adblue)

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Heinz Günter Plegniere
Managing Director
VDA QMC

AdBlue® is a non-toxic solution used to chemically reduce NOx emissions produced by diesel-powered heavy vehicles. It is neither explosive nor harmful to the environment. The product has a partially alkaline nature with a pH value of approximately 9.0, so it should not come into direct contact with aluminum, brass, or mild steel. Stainless steel and plastic tanks and equipment are mandatory under AUS32 standards.

ADBLUE® SAFETY INFORMATION

AdBlue® does not contain any hazardous substances according to European Union standards. It is classified in the minimum risk category for transportable liquids. However, AdBlue® safety precautions applicable to chemicals should still be observed.

The AdBlue® name is a trademark registered by VDA, and Volpet Petroleum Products is one of the few licensed producers worldwide. A VDA license is required to use the AdBlue® name. Not every AUS32 solution qualifies as AdBlue®. VDA is the sole global licensing authority for this product, and further details can be found at www.vda.de.

Safety Precautions:

- Keep out of reach of children.
- Avoid contact with food and beverages.
- If ingested, seek medical advice.
- If it comes into contact with skin or eyes, rinse thoroughly with water and consult a doctor.
- Store between -11°C and +30°C.
- Protect from direct sunlight.

VDA Certificate



5 L Plastic Bin



10 L Plastic Bin



18 L Plastic Bin



1000 L IBC Tank



**Restore Engine Restorer
1 L**



**Restore Engine Restorer
400 ml**



**Restore Engine Restorer
250 ml**

Engine Restorer

FEATURES AND ADVANTAGES

- Repairs the engine.
- Increases the engine life by 3 times.
- Enhances compression and engine power.
- Reduces fuel consumption.
- Prevents oil loss and extends oil life.

WHERE TO USE?

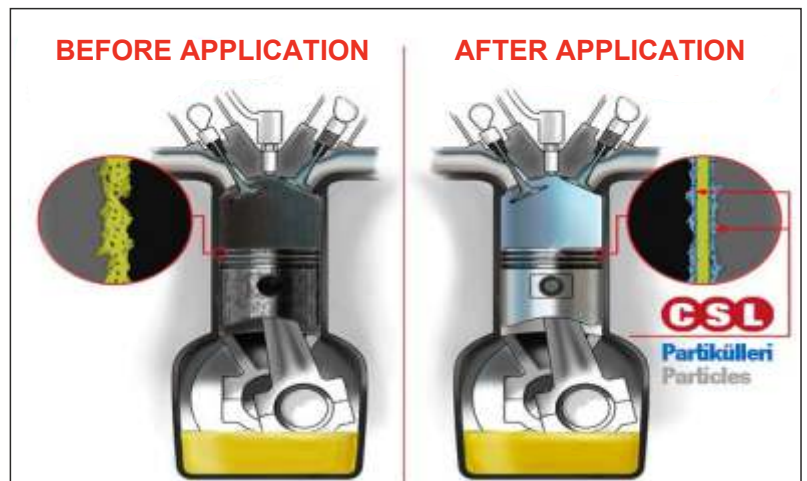
Suitable for all 4-cylinder Diesel, Gasoline and LPG vehicles with turbocharger or catalytic converter.

Compatible with all synthetic and mineral oils.

HOW TO USE?

- 1- Add the Restore Engine Cleaner to your old engine oil, run the engine idle for 15 minutes, and completely drain the oil.
- 2- Add Restore Engine Repair directly into the oil reservoir and then add your motor oil on top.
- 3- After completing the process, run your vehicle idle for 15 minutes.

***It is recommended to use it with every oil change.**



Amounts of RESTORER to be used

Engine size(cc)	Package	Required quantity
1000	250ml	1 x 250ml
1200	250ml	1 x 250ml
1400	350ml	1 x 400ml
1600	400ml	1 x 400ml
1800	450ml	1 x 400ml
2000	500ml	2 x 250ml
2200	550ml	2 x 250ml
2400	600ml	1 x 400ml + 1 x 250ml
2600	650ml	1 x 400ml + 1 x 250ml
2800	700ml	1 x 400ml + 1 x 250ml
3000	750ml	3 x 250ml
3200	800ml	2 x 400ml
3400	850ml	2 x 400ml
3600	900ml	1 x 400ml + 2 x 250ml
3800	950ml	1 x Litre
4000	1000ml	1 x Litre

Engine Interior Cleaner



For cleaning the inside of the engine, hydraulic system, gearbox, and differentials before oil change:

- Removes varnish, sludge, residue, and other deposits.
- Cleans valves and unsticks piston rings.
- Ensures the engine interior stays clean and restores its energy and power.

Maintains the original quality of the newly added motor oil.

No Smoke Treatment



To reduce exhaust smoke caused by oil burning:

- Stops and prevents engine oil leaks.
- Ensures optimal performance of hydraulic valve lifters.
- Regulates compression and increases engine efficiency.
- Reduces excessive engine oil consumption.

Radiator Flush



For cooling systems in motor vehicles:

- Cleans the cooling system by removing oil, grease residues, rust, and deposits from the radiator.
- Eliminates sediment that affects heat transfer and causes engine wear.
- Provides optimal cooling and prevents quick contamination of the coolant.
- Does not harm any metal, rubber, hoses, or seals in the cooling system.

Radiator Sealer



A product with anti-corrosion properties that prevents and repairs cracks in the radiator cooling system:

- Repairs and prevents potential leaks in the radiator, engine block, and heating/cooling systems.
- Increases resistance to corrosion and rust.
- Does not harm hoses or rubber components.

Gasoline Injector Cleaner



A fuel additive that prevents contamination caused by fuel quality and ensures more efficient engine operation:

- Cleans injectors, carburetors, and the fuel system.
- Prevents rust and corrosion throughout the fuel system.
- Increases engine power.
- Does not harm the catalytic converter.
- Prevents auto-ignition.

Gasoline Treatment



It increases engine performance by preventing ignition and combustion. It ensures comfortable engine operation by preventing deposits that may form in the fuel system (carburetor, injectors, valves) and combustion chamber depending on the combustion quality of the fuel.

- Cleans injectors, carburetors, and the fuel system.
- Prevents rust and corrosion throughout the fuel system.
- Increases engine power.
- Does not harm the catalytic converter.
- Prevents auto-ignition.

Diesel Fuel Injector Cleaner



In diesel engines keeps injectors clean and prevents sticking.

- Neutralizes the negative effects of water in the fuel.
- Removes carbon deposits from injectors and pistons.
- Keeps the injection pump clean.
- Reduces fuel consumption and exhaust smoke.
- Dissolves dirt and water in the fuel.

Disel Fuel Treatment



A fuel additive for diesel engines:

- Reduces carbon buildup in the combustion chamber.
- Prevents rust and corrosion in the fuel system.
- Provides fuel savings.
- Prevents wear on injectors and injection pumps.
- Does not harm the catalytic converter.
- Increases cetane number.

Oil Treatment + Viscosity Improver



Oil additive that improves the viscosity index of motor oil:

- Regulates compression and oil pressure.
- Keeps all critical engine parts clean
- Reduces excessive fuel consumption, exhaust smoke, and engine noise caused by oil burning.
- Strengthens the oil film under high temperatures and extreme loads.

Oil Anti-Leak



Prevents and stops engine oil leaks without disassembling the engine:

- Stops and prevents engine oil leaks.
- Restores elasticity to hardened oil seals, nourishes rubber, and keeps it soft.
- Does not block filters or channels.

Intake Valve Cleaner



Improves engine performance, keeps injectors clean, and prevents sticking, cleans carburetors and the entire fuel system.

- Reduces fuel consumption.
- Cleans valves and the entire fuel system.
- Removes oxidized fuel residues.
- Prevents auto-ignition.
- Does not harm the catalytic converter.

Carburetor Cleaner



For carburetor and fuel system cleaning:

- Removes dirt and deposits from visible parts of the carburetor and intake manifold.
- Cleans the entire fuel system.
- Protects against rust and corrosion.
- Reduces fuel consumption.



G11 Super Antifreeze

APPROVALS PROVIDED:

PORSCHE/VW/AUDI/SEAT/SKODA TL 774 C
 MERCEDES DBL 7700
 MAN 324
 GM US 6277 M
 VOLVO (Reg. No 260)
 FORD WSS-M97B44-C
 Chrysler MS 9176
 BMW N 600 69.0
 GM US 6277 M
 FORD ESD M97 B49-A
 OPEL GM QL 130100

SUPER PERFORMANCE, 4-SEASON PROTECTION

Formulated for use in cooling systems of gasoline and diesel engines, it is a monoethylene glycol-based product containing rust, corrosion, wear, and foam inhibitors. Suitable for use in all gasoline and diesel vehicles. To be mixed with water at concentrations of 33-50% in cooling systems.

*Meets the specifications of Donau Chem Super Antifreeze TS 3582.

WARNINGS AND PRECAUTIONS

*Contains Ethylene Glycol.

S 2 Keep out of reach of children.

S 7 Keep the container tightly closed.

S 13 Keep away from food, drink, and animal feed.

S 25 Avoid contact with eyes.

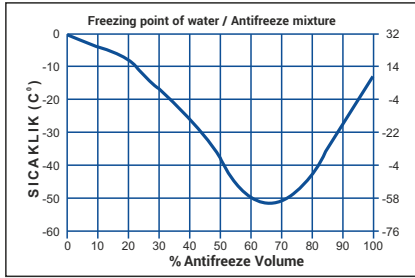
S 29/56 Do not discharge into drains. Dispose of waste or containers at hazardous or special waste collection points.

S 37/39 Wear suitable protective gloves and goggles when working.

S 46 If swallowed, seek medical advice immediately and show the container or label.

S 61 Avoid uncontrolled release into the environment. Refer to the safety data sheet.

S 64 If swallowed, rinse mouth thoroughly with water.



TİPİK ÖZELLİKLER / TYPICAL FEATURES

YOĞUNLUK (15,5 °C) kg/m ³ DENSITY (15,5 °C) kg/m ³	1,09	1,12
DONMA NOKTASI °C FREEZING POINT °C	-56	-74
KAYNAMA NOKTASI °C BOILING POINT °C	130	145
pH	8,6	8,7
GTİP / GTYPE	3820.0000.00.00	

-56 C



3 L

-74 C



3 L

-56 C



3 L

-74 C



3 L

-56 C



1,5 L

-74 C



1,5 L

G12 Organic Antifreeze

APPROVALS PROVIDED:

PORSCHE / VW / AUDI / SEAT / SKODA / TL 774 D/F
 MERCEDES MB 325.3
 FORD ESE M97B49-A
 CUMMINS 85T8-2(1)
 MAN N. MAN 248 & 324
 WARTSILIA 32-9011 (C.W.)
 PEGASO
 GM US 6277 M
 RENAULT 41-01-001
 FORD WSS-M97B44-C
 CHRYSLER MS 9176
 CUMMINS 90T8-4
 MACK 014GS17003
 MAN B&W D 36 5600
 GM1899M (1)
 NAVISTAR B-1, TYPE III
 VOLVO (REG. No 260)
 FORD ESD M97 B49-A
 OPEL GM QL 130100
 LEYLAND TRUCKS LTS 22 AF 10
 JOHN DEERE H 24 B1 & C1
 DEUTS / MWN 0199-2091 2 AUFLAGE (C.W.)
 MACK 014GS17001.

* (1) Except reserve alkalinity - (C.W.) = coolant water

SUPER PERFORMANCE, 4-SEASON PROTECTION

Donau Chem G12 Organic Antifreeze is a long-lasting, concentrated coolant fluid produced using Organic Acid Technology (OAT) and ethylene glycol base. Thanks to its silicate-free, advanced formula, it provides excellent protection against corrosion in modern vehicles, especially in aluminum and iron alloy engines.

Meets the specifications of Donau Chem G12 Organic Antifreeze TS 3582.

WARNINGS AND PRECAUTIONS

*Contains Ethylene Glycol.

S 2 Keep out of reach of children.

S 7 Keep the container tightly closed.

S 13 Keep away from food, drink, and animal feed.

S 25 Avoid contact with eyes.

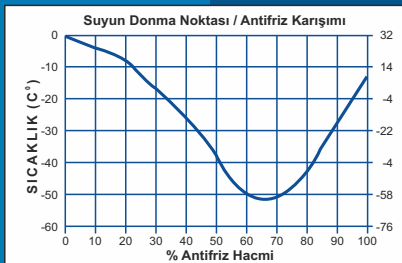
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YOĞUNLUK (15,5 °C) kg/m ³ DENSITY (15,5 °C) kg/m ³	1,09
DONMA NOKTASI °C FREEZING POINT °C	-74
KAYNAMA NOKTASI °C BOILING POINT °C	145
pH	8,7
GTİP / GTYPE	3820.0000.00.00

G11 Super Antifreeze

APPROVALS PROVIDED:

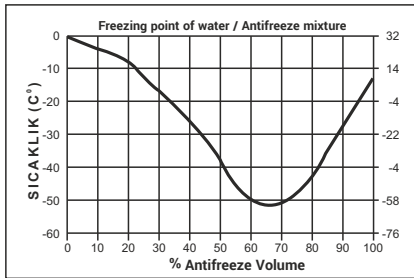
PORSCHE/VW/AUDI/SEAT/SKODA TL 774 C
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 MAN 324
 GM US 6277 M
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 FORD WSS-M97B44-C
 Chrysler MS 9176
 BMW N 600 69.0
 GM US 6277 M
 FORD ESD M97 B49-A
 OPEL GM QL 130100

Formulated for use in the cooling systems of gasoline and diesel engines, this product is based on monoethylene glycol and contains rust, corrosion, wear, and foam inhibitors. It is suitable for use in all gasoline and diesel vehicles. To be mixed with water at concentrations of 33-50% in cooling systems.

Meets the specifications of Lifeproof Super Antifreeze TS 3582.

WARNINGS AND PRECAUTIONS

*Contains Ethylene Glycol.
 R 22 Harmful if swallowed.
 S 2 Keep out of reach of children.
 S 7 Keep the container tightly closed.
 S 13 Keep away from food, drink, and animal feed.
 S 25 Avoid contact with eyes.
 S 29/56 Do not discharge into drains. Dispose of waste or containers at hazardous or special waste collection points.
 S 37/39 Wear suitable protective gloves and goggles when working.
 S 46 If swallowed, seek medical advice immediately and show the container or label.
 S 61 Avoid uncontrolled release into the environment. Refer to the safety data sheet.
 S 64 If swallowed, rinse mouth thoroughly with water.



TİPİK ÖZELLİKLER / TYPICAL FEATURES

YOĞUNLUK (15,5 °C) kg/m ³ DENSITY (15,5 °C) kg/m ³	1,09
DONMA NOKTASI °C FREEZING POINT °C	-56
KAYNAMA NOKTASI °C BOILING POINT °C	130
pH	8,6
GTİP / GTYPE	3820.0000.00.00

-37 C



3 L

-56 C



3 L

-74 C



3 L

Concentrated Windshield Antifreeze

DONAU CHEM WINDSHIELD ANTIFREEZE

Organic Perfumed -30 C Concentrated Windshield Antifreeze protects and cleans your windshield in summer and winter with its anti-wear formula, preventing light reflections. It dissolves icing on the windshield, prevents freezing of the vehicle's spray system, and removes insect, soot, dust, and oil stains from front and rear windows. Safe to use as headlight washer fluid.



5 L



2,5 L



1 L

LIFEPROOF WINDSHIELD ANTIFREEZE

With its anti-wear formula, it protects and cleans your windshield in summer and winter, preventing light reflections. It dissolves icing on the windshield, prevents freezing of the vehicle's spray system, and removes insect, soot, dust, and oil stains from front and rear windows. Safe to use as headlight washer fluid.



5 L

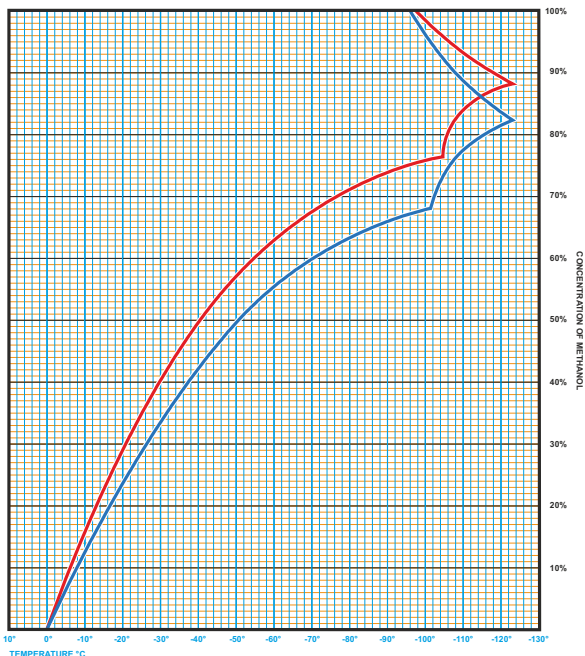


2,5 L



1 L

Methanol concentration calculated by using the % by Weight method



Water	Antifreeze	Freezing Point
0	1	-30
1	1	-16
2	1	-10
3	1	-5

INSTRUCTIONS FOR USE

Use the concentrate either undiluted or mixed with water. Pour directly into the windshield washer reservoir. Use according to the ratios provided in the table below.

CONSUMER NOTICE

- Always read the instructions for use.
- Avoid prolonged contact with cleaning agents to protect your skin.
- Do not use on hands, face, body, or food items.
- Keep out of reach of children.
- Do not ingest. If ingested, seek medical attention immediately and show the label.
- Flammable. Keep away from flames and do not smoke near it.
- In case of contact with eyes, rinse thoroughly with water and seek medical assistance.
- Take precautions against static discharge.

PRODUCT COMPOSITION

Min. 30% Alcohol, water, perfume, corrosion inhibitor.

-37 C



3 L

-56 C



3 L

-74 C



3 L

-56 C / -74 C



1,5 L

G12 Organic Antifreeze

Approvals Provided

PORSCHE / VW / AUDI / SEAT / SKODA / TL 774 D/F
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 FORD ESE M97B49-A
 CUMMINS 85T8-2(1)
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 PEGASO
 GM US 6277 M
 RENAULT 41-01-001
 FORD WSS-M97B44-C
 CHRYSLER MS 9176
 CUMMINS 90T8-4
 MACK 014GS17003
 MAN B&W D 36 5600
 GM1899M (1)
 NAVISTAR B-1, TYPE III
 VOLVO (REG. No 260)
 FORD ESD M97 B49-A
 OPEL GM QL 130100
 LEYLAND TRUCKS LTS 22 AF 10
 JOHN DEERE H 24 B1 & C1
 DEUTS / MWN 0199-2091 2 AUFLAGE (C.W.)
 MACK 014GS17001.

* (1) Except reserve alkalinity - (C.W.) = coolant water

G12 Organic Antifreeze is a long-lasting, concentrated cooling liquid based on ethylene glycol, produced using Organic Acid Technology (OAT). With its silicate-free, advanced formula, it provides excellent corrosion protection in modern vehicles, especially in aluminum and iron alloy engines.

Meets the specifications of Lifeproof G12 Organic Antifreeze TS 3582.

WARNINGS AND PRECAUTIONS

*Contains Ethylene Glycol.

R 22 Harmful if swallowed.

S 2 Keep out of reach of children.

S 7 Keep the container tightly closed.

S 13 Keep away from food, drink, and animal feed.

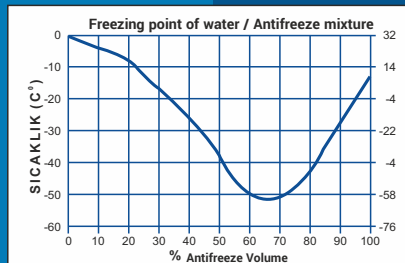
S 25 Avoid contact with eyes.

S 29/56 Do not discharge into drains. Dispose of waste or containers at hazardous or special waste collection points.

S 37/39 Wear suitable protective gloves and goggles when working.

S 46 If swallowed, seek medical advice immediately and show the container or label.

S 61 Avoid uncontrolled release into the environment. Refer to the safety data sheet.



TİPİK ÖZELLİKLER / TYPICAL FEATURES	
YOĞUNLUK (15,5 °C) kg/m ³ DENSITY (15,5 °C) kg/m ³	1,09
DONMA NOKTASI °C FREEZING POINT °C	-74
KAYNAMA NOKTASI °C BOILING POINT °C	145
pH	8,7
GTİP / GTYPE	3820.0000.00.00



Preform



1 L



2,5 L



5 L

VOLPET PETROLEUM PRODUCTS - PET BOTTLE MANUFACTURING

Volpet Petroleum Products is a company specializing in the production of 5L, 2.5L, and 1L PET bottles. We aim to meet all our customers' needs with our high-quality and durable products.

OUR MANUFACTURING PROCESS:

- **Preform:** PET bottles are produced from a plastic raw material called preform. We manufacture using 55g, 65g, or 85g preforms based on demand. Our PET bottles are made from high-quality raw materials that are suitable for food contact.
- **Molding:** The preforms are heated, placed into molds, and shaped to the desired dimensions through a blowing process.
- **Quality Control:** Each bottle undergoes a meticulous quality control process.
- **Packaging and Delivery:** Bottles that pass quality control are appropriately packaged and delivered to our customers.

FEATURES OF OUR PRODUCTS:

- **Tight Sealing:** Prevents leaks and spills.
- **Hygienic:** Produced in a factory environment without human contact.
- **Durable:** Made from strong and long-lasting plastic.
- **Versatile:** Suitable for water, juice, carbonated drinks, windshield fluid, olive oil, and more.
- **Large Capacity:** Our 5L round PET bottles are ideal for use in kitchens and factories. They are easy to carry and extend the shelf life of beverages.

WHY CHOOSE VOLPET PET BOTTLES?

- **High Quality:** Our PET bottles are produced to the highest quality standards.
- **Competitive Prices:** We offer quality products at the most affordable prices.
- **Fast Delivery:** Your orders are prepared and delivered as quickly as possible.
- **Technical Support:** Our expert team is ready to assist you with any questions about our products.



MSDS

Thickness Range	Tensile Strength	Elongation at Break	Angle Tear Strength	Tackness	Light Transmission Rate	Frog Density
Mic	Mpa	%*	N/mm	N/cm*	%*	%*
10-14	MD20-40,	MD200%	120	3	94	2.3
	TD25-45	TD400%				
15-17	MD25-45,	MD350%	120	3	93	2.4
	TD35-50	TD500%				
19-20	MD30-50,	MD400%	120	3	92	2.5
	TD35-50	TD600%				
21-25	MD30-50,	MD450%	120	3	91	2.6
	TD35-50	TD650%				
26-30	MD35-50,	MD500%	120	3	90	2.7
	TD35-55	TD700%				

STRETCH FILMS

Stretch films are made from ultra-low-density LLDPE polyethylene raw materials. Pallet stretch products wrap tightly and hold items together, preventing dust accumulation and protecting against moisture and water. Thanks to their flexible structure, they securely hold items when wrapped tightly. These products are typically used for load packaging and are commonly found in packaging large-volume items.

Pallet stretch is generally used in 17 and 23 microns, but some specific industries use different thicknesses. Our company can produce stretch films in various thicknesses based on customer orders.

TECHNICAL SPECIFICATIONS:

Pallet stretch is made of polyethylene (LLDPE) and is divided into two types: Hand-held and Machine-handled.

Pallet stretch is typically produced in 50 cm widths but can also be made in 10 cm, 15 cm, 20 cm, and 25 cm widths for different industrial applications.

HAND-HELD STRETCH:

Hand-held stretch has a thin core and, as the name suggests, is used manually. Since human strength is limited, the weight of this type of stretch film should not exceed 3 kg; otherwise, the worker will tire quickly, reducing packaging efficiency.

MACHINE-HANDLED STRETCH:

Machine-handled stretch has a thick core and is used with automatic wrapping machines. Due to the high tension and speed of these machines, regular stretch film may tear, causing issues during the wrapping process.

Superpower stretch, produced with special chemicals and formulations, is used for these machines.

Superpower stretch films are highly durable and have a stretchability of up to 400%.



VOLPET PETROL ÜRÜNLERİ OTOMOTİV İNŞ.SAN.TİC.LTD.ŞTİ.

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