



# THUNDERWORD

Volume 10 Issue 5

May 2023



## Troy's Trivia

1. What was Memorial Day formally known as?
2. When and where was it first observed?
3. When was new name established and declared a National Holiday?

(See page 23 for the answers)



For the latest Club Event information, visit our Website:

<https://lehighvalleythunderbirdclub.com>

Opinions expressed by those who contribute to the **THUNDERWORD** newsletter are their own and do not necessarily reflect the policy of the **Lehigh Valley Thunderbird Club**.



**Lehigh Valley  
Thunderbird  
Club**

**Officers**

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## President's Message

Dear Lehigh Valley Thunderbird Club Members,

*I though we would be out on the Hex Sign Barn Road Rally today, but the weather had other plans! From what I see in the weather forecast, next Saturday is looking good and I am hoping it stays that way!*

*Since our car show season is starting, we will be running some articles on vehicle maintenance over the next several issues. In the Fall, I am working on an article about EV chargers for home use and things to consider before installing. This month, it's about engine coolant and the various types. When I worked for Toyota, everything was simple....drive a Toyota, use Toyota parts, have the Thunderbird, built it with Ford performance parts, but now having a Hot Rod, made of various manufacture parts, mostly aftermarket, you have to know what you have and determine what is best for it. So, when was the last time you changed the coolant in your car? Did you ever have it checked? When mechanics or technicians tell me not to worry, it's long life coolant, I now know they don't have the proper knowledge! Coolant should be checked every two years or about 25,000 mile for protection level, overall appearance and any odor.*

*So read the article in the newsletter about coolant types, pros and cons and some tips on checking your coolant. ALWAYS let your vehicle cool down to check the coolant, or else you can get burnt.*

*We are starting to "gear up" for our Annual Nazareth Day Car Show. HELP from all members is greatly appreciated! Plus it will be great weather to enjoy some fresh air with a bunch of Thunderbird crazy friends!*

*See you at the General Meeting,*

*Thanks..... Vince Luppino  
E-mail: Luppinov@verizon.net*

## May 2023 GENERAL MEETING



**Saturday, May 13, 2023 at 1:00pm**

**Trivet Diner-Allentown  
4549 Tilghman Street  
Allentown, PA 18104  
610-398-3886**

# Upcoming Shows and Events

DATE	EVENT	LOCATION
Tuesday May2, 2023 7:30 pm	<i>Board of Directors Meeting</i>	Via Conference Call
Saturday May 6, 2023 9:30 am	<i>Hex Sign Barn Road Rally</i>	Starting Location "Closed Bank Parking Lot" (next to First Commonwealth Federal Credit Union) at Rt 100 and Tilghman St Allentown, PA 18106
Saturday May 13, 2023 1:00 pm	<i>General Meeting</i>	Trivet Diner-Allentown 4549 Tilghman Street Allentown, PA 18104 610-398-3886
Saturday May 13, 2023 5:00 pm to 8:00 pm	<i>MOPAR Madness Cruise</i>	Emmaus Community Park 1375 Shimerville Road Emmaus, PA
Saturday May 20, 2023 2:00 pm	<i>ICE CREAM Social for T-Bird Appreciation Day</i>	The Inside Scoop 301 N. 3rd Street Coopersburg, PA 18036



## June 2 - 4, 2023

### Gate-n-Go Deadline

April 18, 2023

[More Gate-n-Go Details](#)

### Event Hours

Thursday: Set-Up Day

Fri- Sat: 7AM- 6PM

Sunday: 7AM- 12PM

### Admission

Daily Thurs - Sat: \*\$15

Sunday: \$7 at Gate ([Free with Event Ticket](#))

Spectator Event Pass: \*\$30

Kids 12 and Under FREE

*\*Online tickets discounted.*

### Location

[Carlisle](#)

[Fairgrounds](#)

1000 Bryn Mawr Rd

Carlisle, PA 17013

## Happy Birthday !



Thomas R. Hollenbach 5/27

&

Marty Breidenthall 5/28



## May

2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		2 Board Meeting @ 7:30 pm via Conf. Call	3	4		6 Hex Sign Barn Road Rally
7	8	9		11	12	13 General Meeting @ Trivet Diner at 1:00pm
	15	16 	17	18	19	20 Ice Cream @ The Inside Scoop at 2:00 pm
	22	23	24		26	27
28		30	31			



# MOPAR MADNESS of Lehigh Valley 2023 Cruise Schedule



**Location:** Emmaus Community Park 1375 Shimerville Road Emmaus, Pa

April 8 (4-7pm)	June 10 5-8pm)	August 12 (5-8pm)	October 14 (3-6pm)
April 29 (4-7pm)		August 26 (5-8pm)	October 28 (3-6pm)
May 13 (5-8pm)	July 8 (5-8pm)		
May 27 (5-8pm)	July 29 (5-8pm)	September 30 (4-7pm)	

**NO HOTRODDING, NO ALCOHOL PERMITTED AT ANY CRUISE EVENT**

All Makes and Models are welcome. 100% of your donations are given to DREAM COME TRUE, a charity for chronically ill children.



## Two Great Locations for 2023



April 23	June 25	September 10
May 7	July 9	September 24
May 21	July 23	October 8
June 11	August 13	October 22

Open to all vehicles

Located in the Allentown Fairgrounds  
17th & Chew Streets

4 to 7pm *except* August 13th 4 to 8pm

Door Prizes & Specials with Good Food and Good Music

Benefits: Mountainview Horse Rescue  
and other charities



April 19 (4-7pm)	August 16 (5-8pm)
May 17 (5-8pm)	September 20 (4-7pm)
June 21 (5-8pm)	October 18 (4-7pm)
July 19 (5-8pm)	* All dates subject to weather*

Open to all vehicles

15110 Kutztown Rd Kutztown, Pa

Music by Hodge Podge Variety

Door Prizes - Trophies - 50/50

Great Food , Great Music, Great Fun!

Benefits: Good Shepard and other charities

**\*\* 10% discount on dinner bill with door prize ticket\*\***



***The Lehigh Valley Thunderbird Club does not follow....WE LEAD!***

***Join fellow club members on SATURDAY, May 20th at:  
The Inside Scoop ice cream shop @ 2:00pm to show off your  
Thunderbird or "appreciation" of Thunderbirds!***

***301 N 3rd Street  
Coopersburg, PA 18036***

# The Best Coolants and Antifreezes so You Don't Boil or Freeze Up

Many engine failures can be chalked up to cooling problems.



**Sam McEachern**

Published Aug 12, 2019 / Updated May 4, 2022 / 25 min read



Engine coolant plays a vital part in keeping your engine running in top shape (and just running period) and prolonging the life of the engine and its components.

Coolant is a water-based liquid that works to draw heat from your engine. The liquid is circulated into the engine through a hose into gaps or 'passages' in the engine block. Once the coolant becomes too hot to effectively cool the engine, it's drawn back out through a separate hose before passing through the intercooler. As the liquid flows through the intercooler, it's cooled by the air as your vehicle travels down the road. This circulation process continues as necessary, while your car's thermostat works to regulate the temperature of the coolant and the engine.

Engine coolants contain antifreeze so they do not become frozen when the outside temperature drops below zero. Other additives in antifreeze include corrosion inhibitors and lubricants. Many coolants contain organic versions of these additives, or a combination of inorganic and organic additives. Coolants with organic additives are referred to as 'global' coolants or 'HOAT' (hybrid organic acid technology) whereas inorganic additive coolants are referred to as 'IAT' (inorganic acid technology).

Some coolants are sold as a ready-to-use solution with a 50:50 mix of water and coolant, whereas others are a coolant concentrate that is intended to be diluted by the user. How much water and coolant you use in the solution is usually included in the instructions on the coolant bottle.

Shopping for engine coolant can be a bit of a tedious task, so in this article, we're going to simplify the process. We'll show you some of the best coolants on sale today and provide no-nonsense answers to common questions and concerns people have when shopping for engine coolant.

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- 3. Best Diesel Option: Zerex G-05 Antifreeze/Coolant
- 4. Recochem OEM Pink Premium Antifreeze Concentrate
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- 6. Valvoline MaxLife Universal Antifreeze/Coolant
- 7. ShellZone Pre-Diluted 50/50 Antifreeze/Engine Coolant
- 8. Engine Ice Engine Coolant
- 9. Zerex DEX-COOL Antifreeze/Coolant, Concentrated
- 10. Zerex Heavy Duty Extended Life Antifreeze/Coolant
- What's the Difference Between Coolant Types?
- So How Do I Know Which Coolant is Right for my Vehicle?
- What do the Different Colors Mean?
- What Happens if I Use the Wrong Coolant or Mix Coolants?
- How do I Know When to Change my Coolant?



## 1. Editor's Pick: EVANS Cooling Systems High Performance Waterless Engine Coolant



EVANS Cooling Systems High Performance Waterless Engine Coolant lands on our top 10 list because it's water-free. Eliminating water from the coolant equation helps to reduce corrosion, prolonging engine life and potentially saving you money on maintenance or repairs.

An important step in converting your car's coolant system from a water-based to a water-free coolant is ensuring your vehicle's cooling system is completely free of water. EVANS also makes a [water-free Prep Fluid](#) that flushes water-based coolant from your car and has a how-to [installation video on YouTube](#).

This coolant is designed for a variety of engines, from vintage V-8s, to modern-day four-cylinders, to heavy-duty diesels, and many more. It will have to be changed much less frequently than a regular coolant as well, saving you money in the long run.

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**Pros** / Water-free solution prevents rust and corrosion, long lasting

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**Cons** / Pricy, requires minor installation process

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**Bottom Line** / Long lasting water-free coolant that can extend the life of your vehicle

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## 2. Best Budget Option: ProLine Extended Life Antifreeze/Coolant Full Strength



This antifreeze and coolant from ProLine is a concentrated solution that you will have to mix yourself with one part water and one part solution. Sold in a one-gallon format, one bottle will net you two gallons of coolant. This makes this very inexpensive coolant an excellent value proposition and perfect for those who own an economy car or another type of inexpensive vehicle.

This coolant is also appropriate to be mixed with other types of coolant, such as those of different colors and those from different brands.

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**Pros** / Concentrate produces two gallons of coolant, appropriate for many makes and models

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**Cons** / Not intended for newer vehicles or more expensive vehicles

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**Bottom Line** / An inexpensive solution that's perfect for a commuter car

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### 3. Best Diesel Option: Zerex G-05 Antifreeze/Coolant



The Zerex G-05 Antifreeze/Coolant works in both gasoline and diesel vehicles, but contains some additives that will benefit diesel engines in particular.

ZEREX G-05 contains a nitrite based additive that is designed to protect your diesel engine's cylinder liners from cavitation erosion – a common type of erosion in diesel engines. It also contains other control additives that will protect your engine and radiator from hard water deposits and scale formation.

This is also a hybrid organic acid technology (HOAT) coolant that is legal for use in Europe. It's also a very affordable type of HOAT coolant, which are typically a bit pricier than traditional coolants with inorganic additives.

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**Pros** / Inexpensive HOAT-type coolant, great for diesel engines

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**Cons** / May not be ideal for non-diesel engines

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**Bottom Line** / A reputable, inexpensive coolant that's designed for European diesel engines

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## 4. Recochem OEM Pink Premium Antifreeze Concentrate



Recochem's OEM pink antifreeze was designed for Toyota, Lexus, and Scion models, but may work for non-Toyota vehicles as well depending on the vehicle's cooling requirements.

This organic OAT-certified coolant will last 5 years, or 150,000 miles. It's sold in 1 gallon concentrate format, so you'll get 2 gallons of coolant out of it. While not as cheap as some other coolants, this is an affordable aftermarket coolant that you know will work perfectly with any Toyota, Lexus, or Scion.

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**Pros** / Great for Toyota, Lexus, and Scion vehicles, OAT-certified organic coolant

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**Cons** / Will only work on limited number of makes and models

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**Bottom Line** / Own a Toyota, Lexus or Scion? This is the antifreeze for you!

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## 5. Zerex Original Green Antifreeze/Coolant, Concentrated



This well-known coolant from Zerex is perfect if your vehicle still uses the inorganic additive, green-colored coolant. If your vehicle was built in the 1990s or the early 2000s, it may use the green colored coolant.

A tried and true formula ensures your engine will stay cool and that critical componentry won't rust. This antifreeze coolant is proven at temperatures of -34 degrees fahrenheit and is appropriate for use in almost all vehicle makes and models.

While not of the organic additive HOAT variety, this coolant is still the preferred choice those who drive older vehicles and vintage and classic car owners.

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**Pros** / Tried and true formula, inexpensive

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**Cons** / No organic additives, not appropriate for newer vehicles

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**Bottom Line** / Perfect if you own an older vehicle or a classic/vintage car—the last of a dying breed!

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## 6. Valvoline MaxLife Universal Antifreeze/Coolant



The Valvoline MaxLife Universal Antifreeze/Coolant is a perfect coolant for high-mileage vehicles. With a reputable manufacturer behind this coolant, you can buy this coolant with confidence that it will perform as a high-end coolant should.

This antifreeze coolant contains “Alugard Plus,” which is an additive that helps to protect against corrosion. It also contains lubricants for the gaskets and engine seals. It’s appropriate for all makes and models as well.

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**Pros** / Reputable brand, good for high mileage vehicles, inexpensive

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**Cons** / Not ideal for newer, low mileage vehicles

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**Bottom Line** / A solid antifreeze engine coolant from a reputable brand

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## 7. ShellZone Pre-Diluted 50/50 Antifreeze/Engine Coolant



This engine coolant is from Shell (yes, the gas station) and is specially formulated to reduce corrosion and rust.

The 50:50, premixed antifreeze/water solution ensures you won't get your mixture wrong and is easy to use on the go. It's also very inexpensive, making it perfect if you own multiple vehicles or find yourself topping up your coolant frequently. It's compatible with many makes and models.

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**Pros** / Reputable brand, prevents corrosion, inexpensive

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**Cons** / May not be appropriate for all makes and models

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**Bottom Line** / A solid, inexpensive coolant from a reputable brand

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## 8. Engine Ice Engine Coolant



If you live in areas that are prone to extreme temperatures, this high-efficiency coolant is just what you need. This non-toxic, phosphate-free antifreeze has a more robust profile than other options on the market, and we feel that it has revolutionized the coolant industry. This coolant features a PG (propylene glycol) foundation, which isn't as toxic as ethylene glycol, and it is biodegradable as it contains no phosphate.

You can use it right of the can without any mixing, as it is sold pre-mixed with corrosion-resistant, de-ionized water. The chemical formula ensures that it doesn't leave behind scale or mineral deposits in the radiator or the rest of the system. Boilover protection is up to 256-degrees Fahrenheit while freeze protection is for up to negative 26-degrees Fahrenheit. This configuration makes the Engine Ice TYDS008-03 perfect for ATVs, motorbikes, snow machines, and desert vehicles, etc.

Furthermore, it has ASRA and CCS permissions for letting engines perform at their full potential, making it an ideal choice for vehicles on race tracks. Remember to flush the engine if you are shifting from another coolant or antifreeze solution to the Engine Ice High-Performance Coolant for

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**Pros** / Inexpensive, organic additives, wide variety of uses

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**Cons** / May not be appropriate for new cars

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**Bottom Line** / An inexpensive, organic coolant with many different applications

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## 9. Zerex DEX-COOL Antifreeze/Coolant, Concentrated



This coolant from Zerex is of the orange 'Dex-Cool' variant – a type of organic coolant developed by General Motors in the mid 1990s.

If you own a GM vehicle, you may need to purchase Dex-Cool coolant for it. This coolant is typically orange or yellow in color, as opposed to non-organic coolants (which are usually green) or organic coolants (which are usually blue or pink).

Zerex's Dex-Cool engine coolant will last up to five years, or 150,000 miles. It comes ready-to-use and is premixed with 50 percent water and 50 percent solution.

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**Pros** / Perfect for GM vehicles

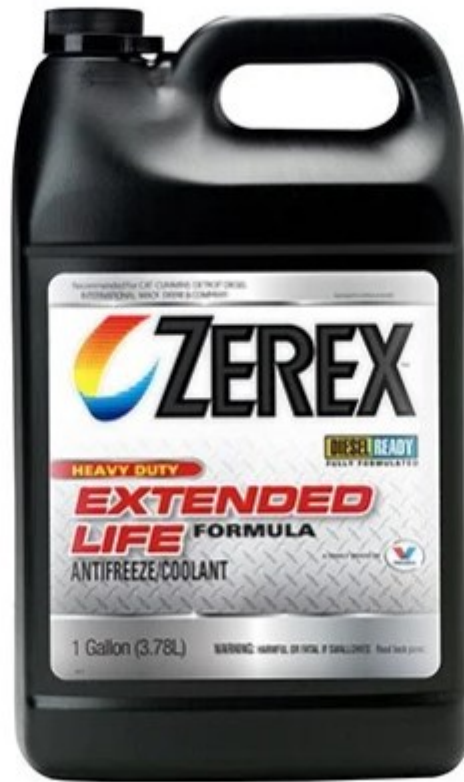
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**Cons** / Not ideal for non-GM vehicles

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**Bottom Line** / Own a GM product? Here's your antifreeze!

## 10. Zerex Heavy Duty Extended Life Antifreeze/Coolant



This heavy duty coolant from Zerex is a concentrated solution. It can be mixed with 50 percent water and 50 percent coolant solution, or up to 70 percent coolant and 30 percent water if needed.

Designed for use in heavy-duty diesel engines, this coolant is designed to last a long while before it needs to be replaced. It also works in diesel generators and other diesel engine applications apart from trucks and cars.

If you have a heavy-duty diesel truck, or a diesel car that you don't want to change the coolant on frequently, this long-lasting coolant from Zerex may be ideal for you.

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**Pros** / Long lasting, great for diesel engines

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**Cons** / Not appropriate for gasoline cars

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**Bottom Line** / A long-lasting coolant designed for large diesel engines

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## What's the Difference Between Coolant Types?

There are three types of coolant on the market today: Inorganic Acid Technology (IAT), Organic Acid Technology (OAT), and Hybrid Organic Acid Technology (HOAT).

IAT type coolants are green in color and contain an ethylene glycol based antifreeze solution. While all anti-freeze solutions are considered toxic to the environment, IAT type types of antifreeze are more toxic than HOAT coolants.

That's because HOAT type coolants will typically use a propylene glycol antifreeze instead of ethylene glycol. Propylene glycol is a bit kinder to the environment and less toxic than ethylene glycol, which first appeared in anti-freeze solutions way back in the 1920s. OAT coolants are ethylene glycol based, and are designed to be a little kinder to the environment than IAT coolants. Unless you own a GM product, you won't need to concern yourself with OAT coolant.

OAT and HOAT type coolants will also use organic additives to prevent against scaling, corrosion and rust. Using a coolant with organic additives will prolong the life of your coolant system's rubber hoses, as they don't degrade rubber as fast as the green IAT coolant.

If you have a vehicle manufactured before 2002, it's likely that it still uses the old green IAT based coolant. If it's a newer vehicle it probably uses HOAT or OAT type coolants.

## So How Do I Know Which Coolant is Right for my Vehicle?

Most manufacturers will include what type of coolant to use within your vehicle's user manual. We'd suggest following the manufacturer's guidance, especially if it's a newer vehicle.

As a rule of thumb, you should probably stick with what's already in your cooling system to prevent mixing two different types of coolant together.

That said, if you wish to convert your vehicle to a different type of coolant, such as the water-free coolant from Evans included in our list above, repair shops will have tools that can flush your cooling system of the old antifreeze before you put in the new type. If you have an air compressor you can do it yourself at home with a kit. Remember that many antifreezes are toxic to mammals (like you and your pets), so please dispose of it properly. That means do not put it down a drain, most repair shops will let you pour it into their drum for free, or contact your local authorities to find out where it can be recycled.

Here are a few factors to consider:

Engine type: diesel or Gas.

Type of antifreeze: If your vehicle was manufactured between the 1920s and 1990s, buy Inorganic Acid Technology (IAT) antifreeze. If you own a Toyota, Honda, GM, or any other new model equipped with an aluminum radiator, go with Organic Acid Technology (OAT) antifreeze. If your car is an Asian or European make, Hybrid Organic Acid Technology (HOAT) Antifreeze is what you should need.

Ethylene glycol- or propylene glycol-based antifreeze: Check your owner's manual for what your car requires.

Preparation: Does it come diluted, or do you have to mix it with distilled water?

Temperatures: If temperatures go below 34 degrees Fahrenheit, it would be best to buy a 70/40 or 60/40 solution or mix it accordingly. If temperatures remain high, go for a 50/50 solution.

## What do the Different Colors Mean?

While not all manufacturer's follow a color-coded guide for their coolants, IAT type coolants are almost always green.

OAT and 'Dex-Cool' coolants for GM vehicles are typically orange or yellow in color. This helped to distinguish Dex-Cool coolants from the green IAT type coolants when GM first introduced the product in the 1990s.

Modern-day HOAT 'global' coolants are usually sold in a myriad of colors—from blue, to pink and sometimes orange or yellow. Always read the coolant's label before purchasing so you don't accidentally buy the wrong type of coolant for your vehicle—the color isn't always an indicator of coolant type.

## What Happens if I Use the Wrong Coolant or Mix Coolants?

Most coolants are designed to be mixed with other coolants. While this is not ideal for peak engine performance or reducing corrosion in your cooling system, you won't experience a catastrophic engine failure if you mix coolant types.

The same is true for coolant types. Some vehicles may call for a certain type of coolant, but most coolants will work fine with most vehicles. To ensure the longevity of your engine, however, and that your car stays running at peak performance, you'll want to use the manufacturer's suggested coolant.

You also want to ensure your vehicle has enough coolant. If you let the coolant get too low, your engine could overheat, which could (and likely will) lead to it breaking down entirely.

## How do I Know When to Change my Coolant?

You'll know your engine needs new coolant if you feel it and it's no longer slippery. Coolant contains lubrication additives to help reduce corrosion as it travels through the cooling system, but these lubrication properties can disappear in old coolant.

You can also do a 'smell test' to see if your coolant is bad. If it smells burned, it probably needs to be changed. Sometimes old coolant will also appear murky and rust-colored. This also means it needs to be changed—it should always be the color that it was when you put it into your cooling system.

### **Recent Updates:**

May 3, 2022: Updated product links.

February 9, 2022: Updated information for Engine Ice coolant. Expanded FAQ sections.

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# Common Tools to test a cooling system and coolant



Coolant protection level tester



Refractor to test coolant protection level and test PH levels



Test Strips - Be careful of expiration dates



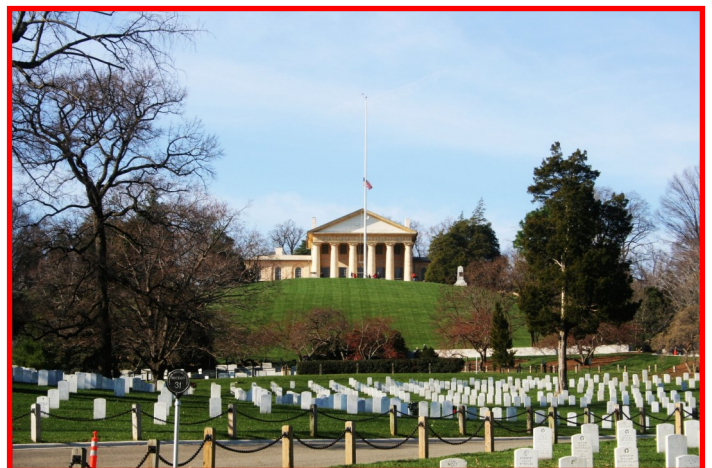
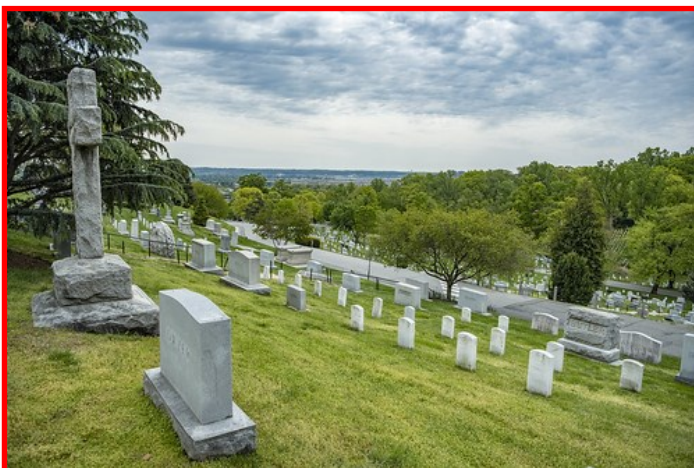
Cooling system pressure tester– make sure you have the right adaptors for your vehicle and do not over-pressurize or you will cause a leak!



# Troy's Trivia



1. Memorial Day was formally known as Decoration Day
2. Decoration Day was first observed on May 30, 1868 at Arlington National Cemetery
3. Memorial Day was declared a National Holiday through an act of Congress in 1971



# Das Awkscht Fescht



**AUGUST 4, 5 & 6, 2023**  
**MACUNGIE MEMORIAL PARK**  
**MACUNGIE, PA**

## CLUB DAY Registration Form

**SUNDAY**

**AUGUST 6, 2023**

**Pre-Registration Form Only - No Day of Show Registration**  
**Post Mark Deadline: July 1, 2023**  
**NEED NOT BE A CLUB MEMBER**

**USE GATE #1 ONLY**

NEW ADDRESS:  YES  NO  
 (TYPE OR BLOCK PRINT, PLEASE)

OFFICIAL USE ONLY	
F.S.	<input type="text"/>
S.	<input type="text"/>
S.S.	<input type="text"/>

NAME \_\_\_\_\_ YEAR \_\_\_\_\_ MAKE \_\_\_\_\_

STREET \_\_\_\_\_ MODEL \_\_\_\_\_

TOWN \_\_\_\_\_ BODY STYLE \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_ +4 \_\_\_\_\_

CLUB NUMBER (FROM LIST BELOW) \_\_\_\_\_

PHONE/AREA CODE ( \_\_\_\_\_ ) \_\_\_\_\_

**Make checks or money order only, payable to: Das Awkscht Fescht**  
**Mail to: Box 127, Macungie, PA 18062-0127**  
**PLEASE DUPLICATE THIS FORM FOR ADDITIONAL VEHICLES.**

Sunday Pre-Registration thru December 31, 2022: \$17.00 per car \_\_\_ No Refunds  
 Sun. Pre-Registration Jan. 2 thru July 1, 2023: \$20.00 per car \_\_\_ No Refunds

**ONLY ONE TENT PER CLUB ALLOWED**

**WHICH CLUB ARE YOU ENTERING - BY NUMBER**  
 CHECK PAGE 4 FOR INFORMATION

**FOUR (4) PERSONS PER VEHICLE**

**No Street Rods - No Street Machines - Custom or Modified**

- |                        |                                   |   |                       |
|------------------------|-----------------------------------|---|-----------------------|
| 1 - Chrysler Products  | 11 - Model A Ford                 | 21 - Edsel, Mercury, Lincoln                    | 31 - Oakland          |
| 2 - Chevrolet          | 12 - Thunderbird                  | 22 - Checker                                    | 32 - Crosley          |
| 3 - Pontiac            | 13 - Willys                       | 23 - Nat. Woodie Club                           | 33 - Mercedes Benz    |
| 4 - Corvette           | 14 - Nash & Rambler               | 24 - Ford Falcon, Fairlane                      | 34 - Oldsmobile       |
| 5 - Studebaker, Avanti | 15 - Chev. Nomads, Pontiac Safari | 25 - Kaiser, Frazer, Henry J., AllState, Darrin | 35 - VCCA             |
| 6 - Corvair            | 16 - Auburn, Cord, Duesenberg     | 26 - Packard                                    | 36 - VW               |
| 7 - Metropolitan       | 17 - Shelby Mustang               | 27 - Mustang                                    | 37 - Mopar Madness    |
| 8 - Buick              | 18 - Franklin                     | 28 - Rolls Royce                                | 38 - British Car Club |
| 9 - Cadillac & LaSalle | 19 - Hudson                       | 29 - Foreign Cars                               | 39 - Happy Motoring   |
| 10 - Early Ford V-8    | 20 - Dodge & Graham               | 30 - All 1927 & Earlier Cars                    | 40 - Truck Club       |
| 10A - Ford             |                                   |   | 41 - Jeep Club        |

**REGISTRATION BY ONTELAUNEE CAR CLUB, PARKING BY THE INDIVIDUAL CLUBS.**  
**FOR CONFIRMATION, PLEASE SUPPLY SELF-ADDRESSED, STAMPED ENVELOPE WITH REGISTRATION**

**\*\*\* For 2023 Can register online @ awkscht.com \*\*\***





# Lehigh Valley Thunderbird Club

## Renewal Form 2023

Membership fee is \$25.00 per year. Please make check payable to LVTC.

Please mail your completed application form and check to:

LEHIGH VALLEY THUNDERBIRD CLUB Treasurer

1041 Buggy Whip Drive

Warrington, PA 18976

*(Please Print Clearly)*

Name: \_\_\_\_\_

Birthdate: \_\_\_\_\_

Spouse's Name: \_\_\_\_\_

Birthdate: \_\_\_\_\_

Address: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell/Mobile Phone: \_\_\_\_\_

### Thunderbird Information

Year: \_\_\_\_\_ VIN#: \_\_\_\_\_ License#/State: \_\_\_\_\_

Body Type: Coupe Convertible Landau Roadster Hardtop Sunroof Town Hardtop 4-Door

Current Mileage: \_\_\_\_\_ Exterior Color: \_\_\_\_\_ Interior Color: \_\_\_\_\_

Insurance Company Name: \_\_\_\_\_ Policy #: \_\_\_\_\_

How do you use your Thunderbird: Daily Transportation 2nd Car Hobby

How would you rate your Thunderbird: 5(show quality) 4 3 2 1(needs total restoration)

Please circle as many below that best describes the condition of your Thunderbird:

All Original Restored for fun use Needs Restoration Total Restoration Restored for Show only

Do not currently have a Thunderbird

Attach picture of your Thunderbird here:

# 47th Annual Nazareth Day Car Show

Saturday, July 15, 2023

9:00 am to 3:00 pm

Sponsored by

**The LEHIGH VALLEY THUNDERBIRD CLUB**

Proceeds Benefit:  
Nazareth Food Bank  
and  
Lehigh Valley Pediatric  
Foundation

## Registration Information:

Pre-Register by July 1, 2023 - \$15.00

Day of Show Registration -- \$20.00

Rain Date: Sunday, July 16, 2023

For Cancellation or Rain Date:  
[Lehighvalleythunderbirdclub.com](http://Lehighvalleythunderbirdclub.com)

## Photo Plaque Information:

The first 200 vehicles that arrive at show between 9:00am and noon will get a photo taken of your vehicle, mounted to a plaque. *Due to plaque assembly and photo development time, the "Photo Plaque" will not be available for pickup until 2:00pm.*

## Parking:

As you enter the park, you will be directed to the photo location, after which you will be guided to a parking space. If you wish to park as a group, please enter the park as a group so we can accommodate parking you all together.

## Directions:

**From 22:** Follow RT 191 into Nazareth. At Broad and Center Streets, turn right onto Broad St. Follow Broad St. for several blocks and the Park will be on your left.  
**From 22:** Follow RT 191 North. At diner, turn left and continue on RT 191 into Nazareth. When RT 191 turns right, stay straight on Broad St. and follow to Park, which will be on your left.

The Car Show is open to all Years, Makes and Models of Domestic and Foreign vehicles. Motorcycles are not permitted.

We Support The Nazareth Food Bank. Please bring a donation to the show and drop it off at the Registration Table. A Representative from the Food Bank will be there to collect your donation!

## Tents:

The Show has been averaging 230 vehicle in attendance. To maintain reasonable spacing between vehicles, we might not be able to accommodate tents by the vehicles. There are areas around the field where you may place your tent. Please work with our Event Staff. We want everyone to have an enjoyable and fun day!

Cut Here

## Pre-Registration Form for 47th Annual Nazareth Day Car Show on July 15, 2023

**PLEASE PRINT CLEARLY**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Year: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_

Club Affiliation: \_\_\_\_\_ Contact for 2024 Show: YES NO

Mail Form with check (\$15.00) to: **Lehigh Valley Thunderbird Club Treasurer**

**1041 Buggy Whip Drive**

**Warrington, PA 18976**

Entrants and participants of this event will release and hold harmless for damages or like causes any and all volunteers or others involved in preparation and/or operation of The Lehigh Valley Thunderbird Car Show.



## Mimosa

**TOTAL TIME:** Prep/Total Time: 5 min.

**YIELD:** 1 serving.

*A standard offering at brunches, mimosas are as pretty as they are tasty. In this recipe, the champagne doesn't overpower the orange juice—especially if the champagne is extra dry. —Taste of Home Test Kitchen, Milwaukee, Wisconsin*

## Ingredients

2 ounces champagne or other sparkling wine, chilled

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1/2 ounce Triple Sec

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2 ounces orange juice

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**GARNISH:**

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Optional: orange slice or orange twist

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## Directions

1. Pour champagne into a champagne flute or wine glass. Pour the Triple Sec and orange juice into the glass. Garnish as desired.



## ***HEX BARN SIGN***

# **Road Rally**

~~Saturday April 29, 2023~~

***POSTPONED TO - Saturday May 6, 2023***

Join your fellow Lehigh Valley Club Members for an enjoyable run through the back roads of Pennsylvania, admiring the scenic lush countryside as it is coming into bloom. Oh, yes, you have to look for the Hex Signs on the barns, watch for animals in the road, maneuver some nice corners and even see some birds (real ones) in your travels.

Look for final details in the April THUNDERWORD Newsletter, for starting location and finish locations. The Rally is not about speed, it is about accuracy and safety.

Please note you can bring whatever vehicle you want, but since it is a THUNDERBIRD Club, T-Birds are preferred!

Also, each vehicle will have to pass Tech Inspection to participate. A Copy of inspection form for Tech Inspection can be found on next page.

**Please let me, Vince Luppino, know if you are going to participate by 4/22/23.**

# Memorial Day Word Search

R E M S A L U T E S F L A G P  
O E L A M A F R E E D O M E A  
B A S A C R I F I C E I E M R  
E L E P E M A Y C R A T R I A  
T T U M E M O R I A L E I L D  
H Y R E U C H E R O E S C I E  
O U O N S A T E H I N G A T S  
C M E R W H I S O H S U S A H  
R E M E M B R A N C E R W R O  
E C M D A L F E O D R E H Y L  
S T H E R O S A R A V T I E I  
O R I A T E M E L Y I T T M D  
S O L D I E R S R L C E E I A  
T O C O L E R F R E E C B A Y  
I T M O N D A Y D O T N U E L



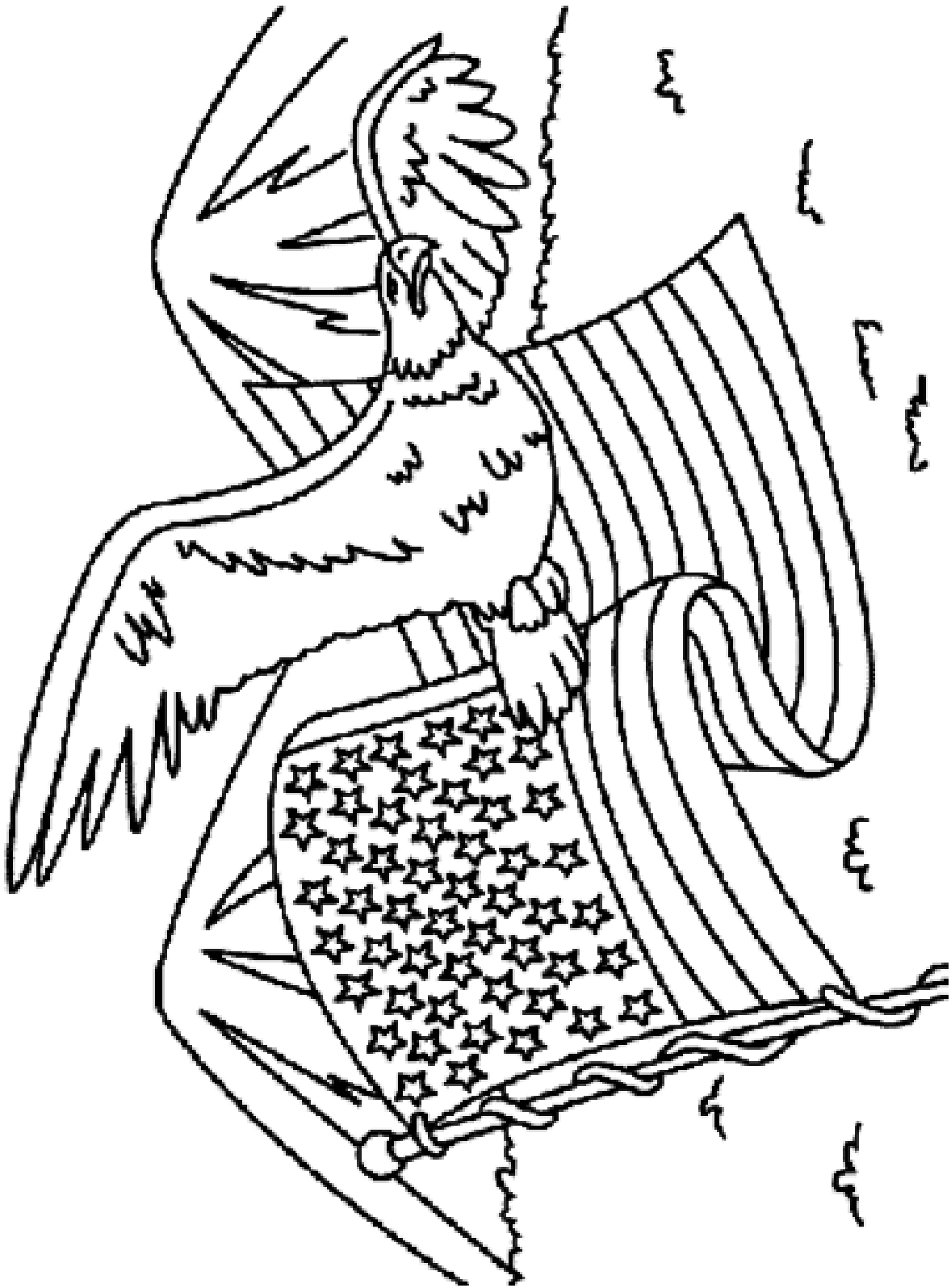
AMERICA  
BLUE  
CEMETERY  
FALLEN  
FLAG  
FREEDOM  
HEROES

HOLIDAY  
HONOR  
MAY  
MEMORIAL  
MILITARY  
MONDAY  
PARADE  
RED

REMEMBRANCE  
RESPECT  
SACRIFICE  
SALUTE  
SERVICE  
SOLDIERS  
WHITE



A Coloring Page



# THUNDERWORD Marketplace

Set of stock valve covers for 2006 Ford Mustang with 4.6 V8.

Asking \$150.00 for set

Contact Tom @ 610-703-6325



1966 Thunderbird Landau style roof 68,000 miles  
Vehicle was stripped and sealer primed.  
New tires, New brakes and hardware, new master cylinder.  
Interior apart due to prepping for body work. Floor and body solid.  
390 cid , C 6 transmission. Car does starts, run and drives  
Garage kept no time to work on. Great project car. Price is reasonable compared to other classics.  
5500.00. OBO  
215 738 1435 EMAIL [myteacher302@gmail.com](mailto:myteacher302@gmail.com)









# THUNDERWORD

May 2023

