

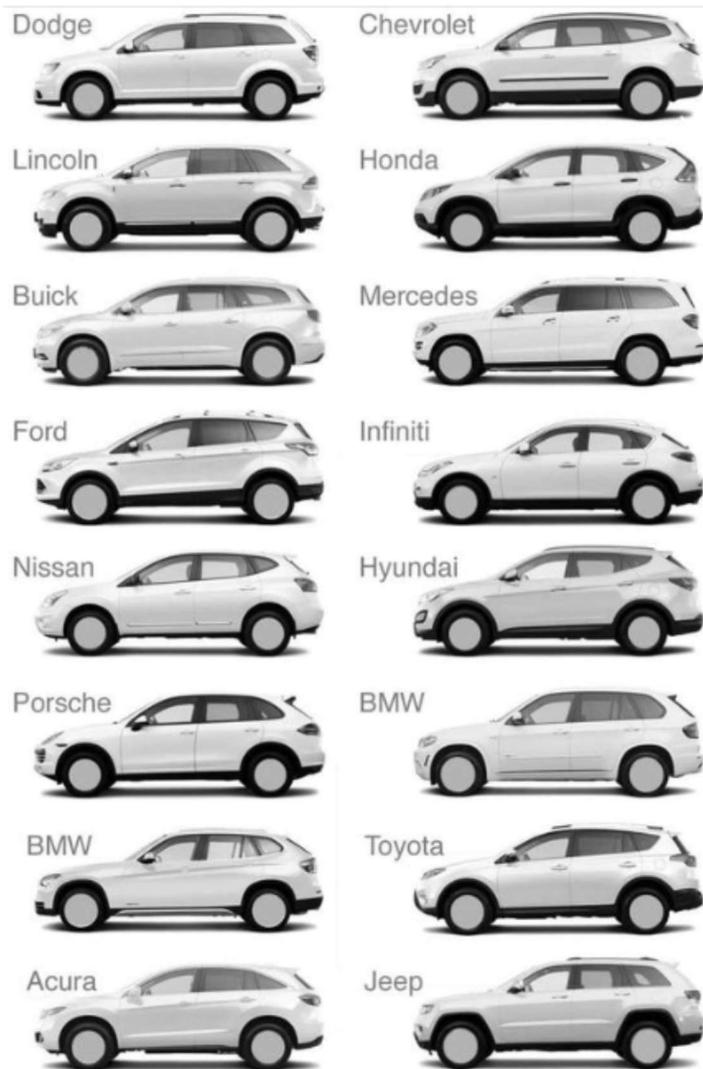
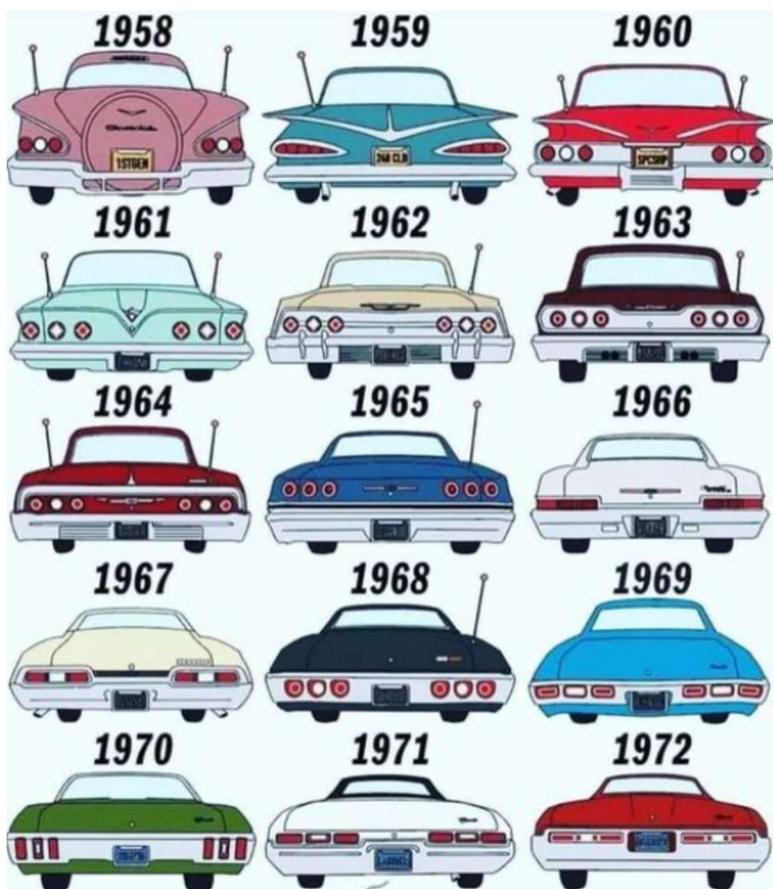


MMOCC Newsletter – JANUARY 2023

*Mid Mo Old Car Club
PO Box 1594,
Jefferson City, MO 65102*

A PICTURE IS WORTH A THOUSAND WORDS, SO THIS ISSUE HAS LOTS OF PICTURES...

TODAY:



MMOCC SHIRTS:

We have T-shirts in gray and white, collared polo-type shirts, and a humorous T-shirt addition. If your shirt looks dingy, time to upgrade! Shirts available at future meetings and events. \$20 for collared shirts. \$15 for t-shirts. \$10 for hats. **Contact JIM MARTIN at 573-864-4048.**



Nigel Freestone

10h · 🌐

65 years ago today (4 September 1957) the Ford Motor Company proclaimed this day as 'E-day' to celebrate the introduction of the 'Edsel', 5 years after its conception.

THE "MODERN" SOCIETY

Manuels

Automatics



True Cost of a Classic Car Restoration

Balance Sheet

Hours on the toilet searching the Internet	\$0.00
Purchase of a ton of rust on four wheels	\$5,000.00
Flowers for wife to break the news	\$50.00
Dinner at restaurant after argument with wife	\$120.00
Restoration cost - engine and transmission rebuild	\$8,000.00
Restoration cost - chassis rebuild	\$5,000.00
Parts and endless trips to Swap Meets	\$1,600.00
New Lounge suite to balance ledger and keep wife happy	\$3,500.00
Restoration cost - bodywork and paint	\$7,000.00
Flowers for wife to save buying new kitchen suite	\$50.00
Dinner at restaurant after argument with wife	\$120.00
Family trip to Tropical Island to offset 1000 hours spent in the workshop	\$4,000.00
Restoration cost - new upholstery and soft top	\$6,300.00
New out fit for wife to save another argument	\$450.00
Dinner at restaurant after argument with wife	\$120.00
Inspection, Registration and other on-road costs	\$1,200.00
Dinner at restaurant to celebrate completion	\$120.00
Hairdressing cost after wife's first ride in a open top tourer	\$60.00
BBQ to have neighbours over to see the finished project	\$90.00
Paint touch up after neighbour's son drew on the car	\$150.00
Settled out of court cost for clobbering neighbour's son	\$600.00
New outfit for wife to go out rallying	\$450.00
New shoes to go with the new outfit for wife to go out rallying	\$150.00
New hand bag to go with new shoes and outfit for wife to go out rallying	\$100.00
Dinner at restaurant after asking wife to economise	\$120.00
New clutch after teaching wife to drive a classic car	\$400.00
Dinner at restaurant after shouting at wife while teaching wife to drive a classic car	\$120.00
Repairs to front guard after wife's second lesson	\$600.00
Candlelight dinner at home (can no longer afford restaurant) after shouting at wife to watch where she is going	\$20.00
Advert on line for Classic Car For Sale	\$20.00
Total	\$45,390.00
Proceeds from sale of Classic Car	\$29,500
Balance added to mortgage	\$15,890

Thanks Alan Roper.....



1961 International Scout 80 Pickup Nicole and Craig Roost



1929 Dodge Carol and Dan Mesey



MID-MO OLD CAR CLUB

A big **THANK YOU** goes out to these businesses and individuals for sponsoring our 53rd Annual Old Car Round Up and Show!

We encourage you to visit these businesses to show them your support in return!

Car Show Sponsors
4-Wheel Parts Plus, LLC
Bandelier Mustang Connection
Browner Alternator and Starter Service
Capital Hauling Company
Central Bank
David Jaeger
Evers and Company CPAs
Farmers Bank of Lohman
Fechtel Beverage and Sales, Inc.
Governor Motors
Jefferson Bank
Jim Lewis Tire and Wheels
Jim Logan Audio Service
Joe Machens Capital City Ford
Kenneth Luetkemeyer
Millard Family Chapels
Moser's Food
Rusty Drowing Chevrolet-Buick-GMC
Sam Bushman - Cole County Commissioner
Siebeneck Auto Sales
Towner Communications Systems, Inc.
Warehouse Tire and Muffler
Xtreme Body and Paint

Scholarship Sponsors
Angela Laws
Bill and Janice Bonnot
Dale and Ruth Doerhoff
Dennis and Linda Smith
Don Weber
Foster's Transmission and Service
Jack Boswell
James and Linda Ennis
Jim's Classics
Joshua Schubert
Keith Pedigo
Kenneth Luetkemeyer
Larry Rhea
Larry's Motorsports
Mary Gerdes
Michael and Kathleen Raithel
Pam Taylor
Precision Machine, Inc.
Todd Slanker
Woodman Engineering Co.

Door Prize, Goody Bag, and Other Sponsors
Advance Auto Parts
American National Insurance - Doug Lensing, Agent
AutoZone
Daisy Delight
EcoWater Systems
Kustum Signs, LLC
Mark's Mobile Glass
McDonalds
Meguiar's
MoDOT
RockAuto
Williams-Keepers LLC, CPAs & Consultants

RILEY CHEVROLET'S

Pre- INVENTORY SALE

ON OPEN ROAD TRAVEL TRAILERS

PLUS: **1000 GALLONS OF GAS**
For Only 99c With Purchase of Any Recreational

2—20' TANDEM TRAVEL TRAILERS
COMPLETELY SELF-CONTAINED

- SHOWER-TOILET
- FURNACE
- OVEN AND STOVE
- DOUBLE SINK
- ELECTRIC WATER
- REFRIGERATION
- ELECTRIC BRAKES
- SLEEPS SIX

Was \$3995⁰⁰ Pre-Inventory Price **\$3495⁰⁰**

1—17' TRAVEL TRAILER

- TOILET
- OVEN AND STOVE
- ICE BOX
- SLEEPS SIX

Was \$2675⁰⁰ Pre-Inventory Price **\$2375⁰⁰**

ON DISPLAY NOW . . .
OUR NEW 25' CHEVROLET SPORTCOACH MOTOR HOME HAS EVERYTHING TO MAKE YOU HAPPY.

RILEY CHEVROLET, INC.
"Central Missouri's Largest Chevrolet Dealer"
2433 CHRISTY ST.

There is no such thing as too much horsepower, just not enough traction.
- Carroll Shelby



1973

SLIPPERY SITUATION

Is diesel motor oil the right choice for a gasoline engine?

✍️📷 LAKE SPEED JR.

It is widely known that diesel engine oils contain more zinc (ZDDP) than regular passenger car motor oils, but does that make a diesel engine oil (HD) a good choice for hot rods or race cars? To answer that question, we need to understand the other differences between diesel oils, passenger car oils, and high-performance oils.

Let's talk about zinc. When we say zinc in reference to motor oil, we are referring to the compound zinc dialkyldithiophosphates. That's hard to say or spell, so we just call it zinc or ZDDP. Either way, it is a powerful anti-wear additive and antioxidant. However, not all ZDDP is the same. What? Yep, those brilliant chemists at the oil companies can fine-tune the way ZDDP works in the engine. That might sound weird, but ZDDP works sacrificially—ZDDP sacrifices itself to protect your engine—and by tweaking the chemistry behind it, the conditions required for the ZDDP to activate can change.

Why does this matter? Because the type of ZDDP in diesel engine oil is not the same as the ZDDP in gasoline engine oil. This is an important difference; diesel engines run at lower rpm than gasoline engines, so that difference in engine speed changes the way the ZDDP needs to activate to provide anti-wear protection. To get a little technical, diesel engine oils typically contain primary ZDDP, and gasoline



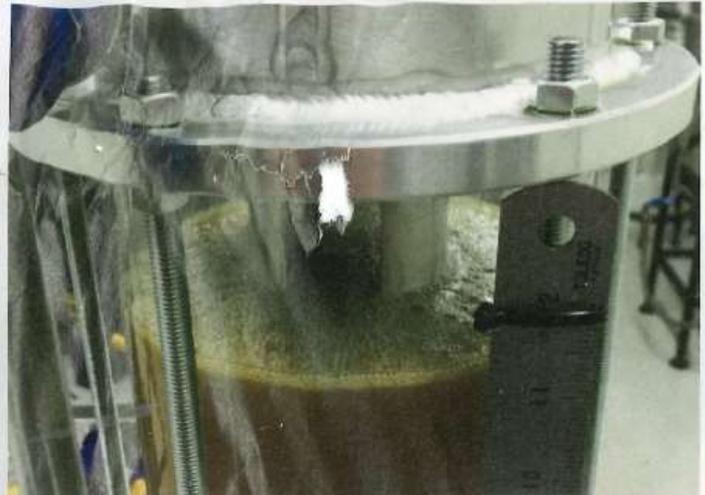
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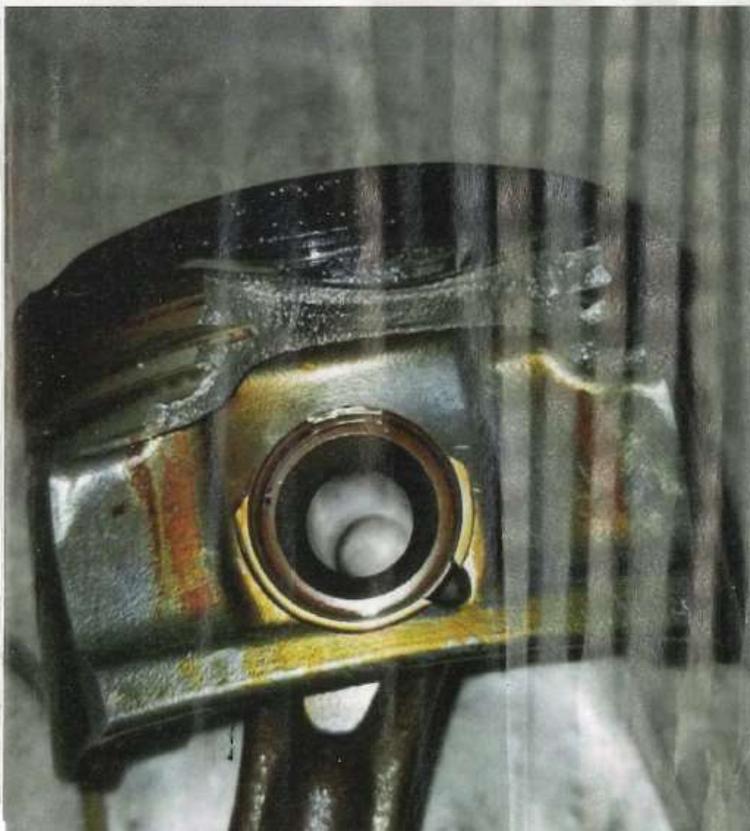
engine oils contain a blend of secondary and primary ZDDP. As a side note, racing oils just contain secondary ZDDP. Both types of ZDDP offer anti-wear protection, but the gasoline type of ZDDP provides more protection for higher-speed engines (think bigger valvesprings).

So, more ZDDP isn't better? That's right. Just adding more ZDDP to an oil doesn't mean it will provide better wear protection. In fact, too much ZDDP can increase wear. You need both the right kind of ZDDP for the engine type and the right amount of that ZDDP. It's like *Goldilocks and the Three Bears*: not too much, not too little, just right. And in case you didn't know, some diesel engine oils don't have more ZDDP than gasoline engine oils (also known as passenger car motor oil, or PCMO). So, if the type and amount of ZDDP in a diesel engine oil is not ideal for a high-performance gasoline engine, is that the only reason not to use it in a gasoline engine?

Going back to engine speed, there are other additives in the oil tailored to the lower rpm of diesel engines. The first that come to mind are anti-foam additives. The churning of the motor oil in the crankcase by the motion of the crankshaft, connecting rods, and pistons creates a frothy mess. To combat that, anti-foam additives are blended into the oil. The type and amount of anti-foam additives in an oil varies by the type of oil. You've probably already guessed it, but yes, diesel engine oils have a different amount of anti-foam additive. For example, a typical diesel oil formula might have less than 5 parts-per-million (PPM) of anti-foam additive. A racing oil designed for higher-rpm engines will have up to 10 PPM of anti-foam additive. That's a significant difference for this type of additive, and it can have an impact on your engine's health and performance.

Air is a terrible lubricant, so aerated oil can lead to bearing failure and a host of other problems. Today's variable valve timing and displacement-on-demand engines rely on the engine oil to function as a hydraulic fluid as well as a lubricant. Aerated oil is compressible, so it can negatively affect the function of these systems.





But wait, there's more! Diesel engine oils contain high levels of detergent and dispersant additives because diesel combustion creates a much dirtier environment. If you have a gasoline direct-injection engine, pay special attention to this part. The high levels of calcium detergent additives in most diesel engine oils have been proven to cause detonation in direct-injection gasoline engines. This even has a special name: low-speed preignition (LSPI). The current API SP gasoline engine oil standard reduces the calcium levels in order to pass a low-speed preignition test. Also, those dispersant additives will hold fuel and moisture in the oil, so a diesel engine oil is not the ideal choice for an engine running on E85, unless you just like your oil to look like a chocolate milkshake.

After 15 years of formulating and testing oils, one thing has become abundantly clear: The application always dictates the chemistry. When choosing an oil, don't start with the oil. Instead, start by defining the application—gas or diesel, boosted or NA, drag race or street, and so on. Let the application determine the type of chemistry needed. Here's a hint: If your car goes to the racetrack on a trailer, you should be using a racing oil. The actual brand of oil is the last choice. Let the application dictate the chemistry of the oil and then decide which brand delivers that chemistry. You don't need to be an oil formulator to figure this out. Trust me, the tech guys at the oil companies love it when customers come to them with all the details of the application and ask for their recommendation. Get all your information together before contacting a few different brands available through your supply channels. Things like bearing clearance and operating oil temperature are important when determining the right viscosity oil to use. That's right, 20W-50 is not a one-size-fits-all choice (but we will save that for another article). In the meantime, you know more about oil chemistry, and you have some homework to do. At least it's related to something you love.

Until next time, happy hot rodding!

Upcoming Events that MMOCC Plans to Attend

A. Bill Bicknell Engines in Rolla.

- MMOCC Member Bill Bicknell has invited us back to his shop in Rolla.
- 410 North Elm Street / Rolla.
- Saturday, January 21 leaving Gerbes off Eastland at 9am, arriving in Rolla about 10am. *Lunch brought in for \$5.* In the case inclement weather, we will postpone a week or two.

B. January MMOCC Meeting.

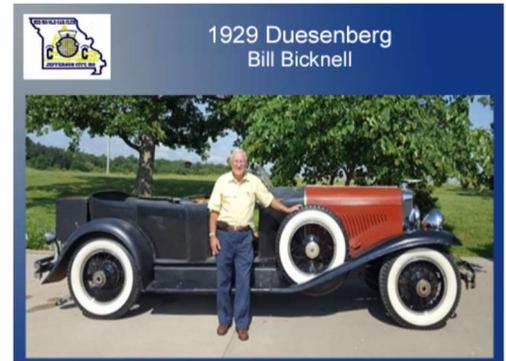
- Thursday, January 26, 2023 at 6pm.
- HyVee Community Room – Upstairs. Get your food as early as 5pm and dine together.
- Topic: TBD.

C. February MMOCC Meeting.

- Thursday, February 23, 2023 at 6pm.
- Location and Topic TBD.

D. St. Patrick's Parade – Tentative until Paddy Malones Re-Opens.

- Saturday, March 11 lining up around 1:30pm with parade starting at 2pm.
- Meeting, starting, and returning at Paddy Malones at 700 West Main Street / JCMO.



1929 Duesenberg
Bill Bicknell

- Downtown Jefferson City route (the parade, itself, is small, with about 500 feet of participants), but it brings a lot of smiles!

E. March MMOCC Meeting.

- Thursday, March 23, 2023 at 6pm.
- HyVee Community Room – Upstairs. Get your food as early as 5pm and dine together.
- Topic: TBD.

F. Monthly Capital Mall (JC) Cruise In.

- Last Saturday of each month from April to September. 4-8pm.

G. Sheriff’s Barbeque Car Display.

- Old Car display at the annual Cole County Sheriff’s Barbeque.
- Tuesday, June 6 serving from 4-7:00 pm.
- Arrive when you can. Leave when you want. Bring a chair.
- BBQ pork steak or chicken.
- Old Car parking inside the Cole County Fairgrounds.

H. Lohman Cruise In.

- Tuesday, July 4 from 10:30am to 2pm in Lohman on Front Street “by the big tree”.
- Bring a chair and cooler. Come and go as you please.
- Lions Club BBQ available at the Community Center from 10:30am to 2:30pm.
- Fireworks at the Church at 9pm.

I. Argyle Knights of Columbus Car Show.

- Argyle, Missouri.
- Saturday, August 5 at 11am.

J. Ozark Ham and Turkey Festival.

- Downtown California, Missouri.
- Saturday, September 18. 9-4.
- “Cars and More” Show (Cars, Tractors, etc.) at the Fairgrounds and small-town Parade (optional).

K. 2023 – Audrain County Historical Society “Walk Back in Time”.

- September 22-23, 2023.
- Historical Event featuring pre-war cars (requesting 1940 or earlier).
- 501 South Muldrow / Mexico, Missouri 65265 / 573-581-3910 – Paul Baum at walkbackachs@gmail.com and <https://www.audrain.org/events>
- More details and times to follow.

L. September MMOCC Meeting.

- Thursday, September 28, 2023 at 6pm.
- HyVee Community Room – Upstairs. Get your food as early as 5pm and dine together.
- Topic: Car Show.

M. MMOCC Old Car Round Up and Show.

- 54th annual.
- Saturday, September 30.

- In conjunction with JC Oktoberfest.

N. No November or December MMOCC Meeting.

O. MMOCC Holiday Party.

- Thursday, December 14, 2023 at 6pm.
- American Legion off Tanner Bridge.
- Meal provided by the Club.
- Bring a rob-your-neighbor gift for your gender.

FUTURE AND UNSCHEDULED EVENTS

P. Tim Petty's Drive In Theater.

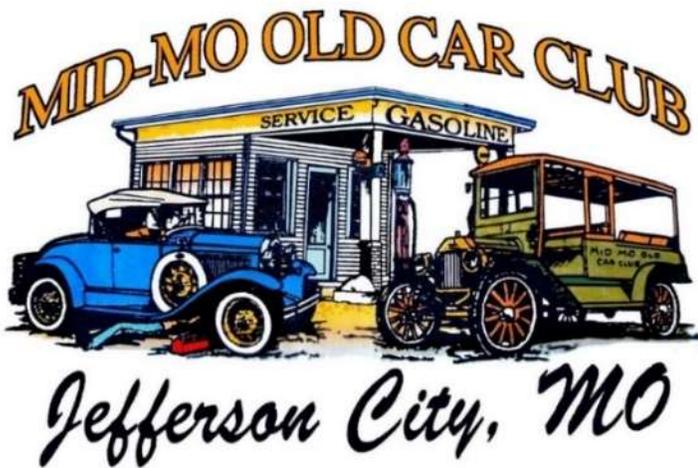
- Date to be determined.
- Drive in Theater at the Petty Estate.
- Coordinated by MMOCC Member Tim Petty (573-694-2977).

Q. Old School Drive In Theater.

- Date to be determined.
- Newly opened Drive in Theater in Moniteau County.
- 34263 State Highway T near Hwy 87 south of Burghers.
- <https://www.facebook.com/Oldschooldrivein>

Researching an important topic or trying to figure out their phones?





Officers:

- President Tim Petty
- Vice President Dennis Smith
- Secretary Lyle Rosburg
- Newsletter Editor / Creator – NEEDED.
- Treasurer Larry Rhea
- Historian Ron Bandelier
- Car Show Chairs Tom and Karen Winters
- Immediate Past President Lyle Rosburg

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