

Dixie Vintage Antique Automobile Club, Inc Newsletter

<https://www.facebook.com/dixievintageauto/>

February 2024 Hoover, Alabama

Hoover TACTICAL FIREARMS
BUY SELL TRADE

Dixie Vintage Cruise-In@ Hoover Tac meets on the 1st Saturday each month year round 8A-11A.

Visit <http://WWW.DVAAC.COM> for more information about Dixie Vintage Antique Automobile Club.

You may mail your dues (\$20) check to:

Ed Zanaty, 1312 Forest Ridge Court, Birmingham, AL 35226.

Checks should be made payable to Dixie Vintage Antique Automobile Club. Thank you!

Dixie Vintage Events

John Bates Obituary

DIXIE VINTAGE EVENTS

Dixie Vintage First Saturday Cruise-In:
Saturday, February 3, 2024, 8-11 am.
Hoover Tactical Firearms
1621 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Business Meeting:
Tuesday, February 6, 2024, 6 pm.
Dale's Southern Grill
1843 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Mid-Month Cruise-In:
Saturday, February 17, 2024, 8-11 am.
Dunkin Lakeshore
300 Commons Drive
Homewood, Alabama 35209

The Dixie Vintage Antique Automobile Club is sad to report the death of longtime member Mr. John Reed "Jay" Bates Jr.



Mr. John Reed Bates, Jr., "Jay", 80, of Mountain Brook, Alabama, passed away peacefully at his home on Wednesday, January 24, 2024. He was born September 22, 1943, in Mountain Brook, Alabama. Jay attended Ramsey High School, and was a proud member of the Class of 1962

A man of strong faith, Jay was an active member of Church of the Highlands along with the rest of his family. A special outreach ministry for Jay was the time he spent serving with Highlands team in their prison ministry. Jay enjoyed playing golf at the Country Club of Birmingham, where he was a member for 57 years; classic cars and racing; Alabama football; spending time at the lake with family; and, along with Cindy, welcoming others to their church. In lieu of flowers, please consider donating to one of his favorite charities: Big Oak Ranch or Church of the Highlands.

"Dixie Vintage Cruise-in at Hoover Tactical "

We will vacate the lot by 11:00A. Upon arrival at the cruise-in please park in spaces closest to Hwy 31 between Hoover Tactical and O'Reilly Auto parts. The other side of the parking lot is reserved for Hoover Tactical customers.

New Process for Ordering Name Tags

Dixie Vintage has streamlined the process for ordering name tags. This new process will expedite the delivery of your nametag to your home. The member needing a name tag will complete an order form and mail it with payment to Crown Trophy. The finished name tag will be mailed to you.

We encourage each of our members to own and wear a Dixie Vintage Car Club name tag. We really do want to get to know you. The cost of the name tag is \$10.00.



Newsletter Editor

Do you have a classic car story?

Please let us know.
Text us at 205-276-4423

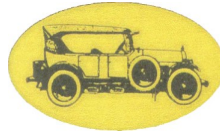
New Car Members

New Members:

Weather has not been favorable for our first Saturday morning event. No new members were signed up for January.



Dixie Vintage Antique



Automobile Club

The Dixie Vintage Antique Automobile Club Newsletter is published monthly by Dixie Vintage Antique Automobile Club, Inc., a non-profit Alabama Corporation. The purpose of this Club is to promote interest in restoring and preserving antique, classic, and special interest old cars; and to provide a social club for members and their families of mutual interest to all. Monthly meetings and activities are conducted in a variety of locations. We encourage membership from other automobile clubs and orphan marquees.

The only requirement to become a member of Dixie Vintage Antique Automobile Club, Inc. is an interest in the history and preservation of automobiles.

2024 Board of Directors

Ed Zanaty, Chairman, President, Membership

edward.zanaty@gmail.com

205-942-1312; 205-585-8580

Jim Black

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Steve Owen

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Crude Oil

by

John E. Krauser

When classic car folks hear the term “Crude Oil” we usually think about how this relates to our cars and trucks. As the price of this product rises and falls so do gasoline prices along with the price of other products. So, what exactly is crude oil, and where does it come from, how much is left to extract, how is price determined, and how is it used?

Crude oil is a yellow/black liquid mixture of hydrocarbons that is found in geological formations all over the world. It is sometimes referred to as petroleum. However, in modern terms petroleum refers to crude oil as well as finished petroleum products.

There are multiple reports indicating that more than 150 types of crude oil exist in the world. Oils are rated by various characteristics including density and sulfur content. Density determines a lightweight oil versus a heavy oil. The density is measured by a ratio of mass to volume. The term specific gravity can be used to describe oil’s density. Specific gravity is the oil’s density divided by the density of fresh water. A more common description of oil density is API (American Petroleum Institute) gravity. This method measures how heavy or how light liquid petroleum is to water at 60 degrees Fahrenheit. Oil is either heavy or light based on weight and density.

Oil is also divided into two categories based on sulfur content: sweet or sour. Crude oil with less than 1 percent sulfur is considered sweet. Sour oil has more than one percent sulfur and requires more refining. Crude oil pricing in the U.S. is based on West Texas Intermediate (WTI) oil. It is an oil that is “sweet” and “light” which is considered extremely high quality. WTI supplies most of North America with oil.

All energy comes from the sun. That statement was present in science textbooks that were around when we started thinking about driving cars as young teenagers. The biogenic creation of oil is based on this statement.

Aquatic life that existed before dinosaurs fossilized over the centuries. Plants that existed millions of years ago locked up solar energy using photosynthesis. Animals ate these plants absorbing energy in the process. Over time heat, pressure, and chemical reactions created a product called kerogen. Time, heat, and pressure convert kerogen to hydrocarbons or crude oil as we know it.

As early as the 4th century oil was used in civilizations around the world. Pools of oil were found near the surface of the earth where it could be extracted with the tools of the time. In 1859 Colonel Edwin Drake discovered a method of drilling that made the extraction of crude oil possible from deeper locations in the earth’s crust. This method was first used in Pennsylvania. Drake never applied for a patent with his idea and thus did not make any money on his invention.

The drilling method was copied by others to get oil out of the ground. John D. Rockefeller, who created the Standard Oil Company, was one of those who drilled for oil. There is some belief that Rockefeller created the term “fossil fuel” to give the perception of a rare product to keep the price of the fuel high. But there is debate on whether he coined the phrase or not. In today’s environment “fossil fuel” is frequently used to describe crude oil or petroleum.

Oil fields exist all over the world. Many are found in ancient sea beds and under the ocean. The quality and quantity vary from location to location. As of this writing it is estimated that we have 47 years of crude oil left based on current technologies to find and extract the oil. A couple of reports indicate that 120 years of the supply is available, as better means of extraction will be developed. Peak demand is expected to be reached in the next 10-15 years based on alternative energy sources being developed. Scientific evidence overwhelmingly supports a biogenic origin for the world’s petroleum deposits. This evidence supports a finite and non-renewable supply of crude oil.

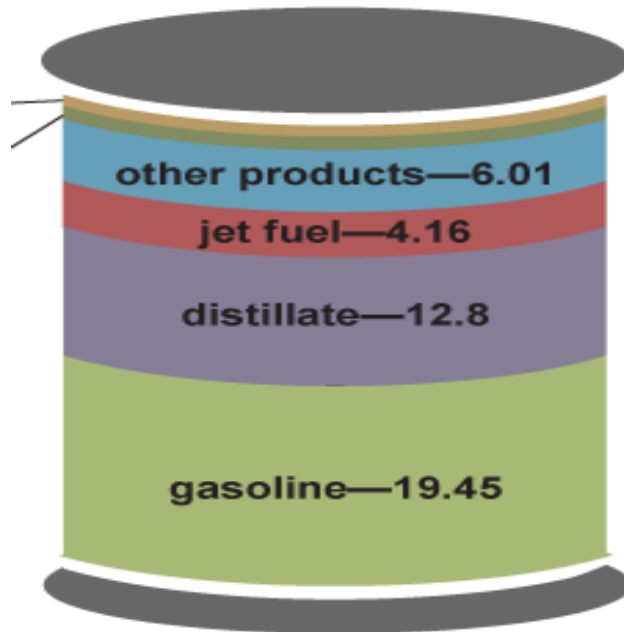
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Crude oil pricing is based on supply and demand worldwide. A recent report stated that a barrel of crude oil will be priced between \$72 and \$85 over the next few years. Disruptions in extraction processes from natural and political forces can alter the price.

The US uses about 19,147,000 barrels of crude oil each day. That is down from the 19,470,000 barrels a day that was consumed in 2019. A barrel of oil is about 42 gallons. Nineteen to twenty gallons of gasoline are produced from a barrel of crude oil. Other products are derived from a barrel of crude, as shown in the picture below. Petrochemicals derived from oil and natural gas refining make the manufacturing of over **6,000** everyday products possible.

Jed Clampett's discovery of "Black Gold and Texas Tea" on his property allowed him and his family move to Beverly Hills via an old truck. Our local gasoline stations supply us with the fuel to drive our old cars and trucks to events in and around the Birmingham area. Unfortunately, rain, sleet, snow, and wintry temperatures have forced our old cars to stay inside for the past few weeks. Hopefully, we will see better weather days soon.



Our Annual Charity Car Show is scheduled for Saturday, April 27, 2024, with a rain date of Sunday, April 28 and will again be held in conjunction with Celebrate Hoover Day. It will be held at Hoover's Veterans Park, located at 4800 Valleydale Road, Hoover, Alabama 35242.

Our charity show will be held for the benefit of the First Light Women's Center and the Helena High School Girls Softball Team. Coach Mark Sanders and his softball team and their parents will again facilitate the pre-registration and onsite registration for the event.

Trophies will be awarded including a participant's trophy. There will be a 50/50 pot, prizes given out throughout the day and two television sets given as grand prizes.

The entry fee will again be \$20.00 per participant vehicle.

Please save the date!

April 27, 2024



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 www.brandmonkey.co

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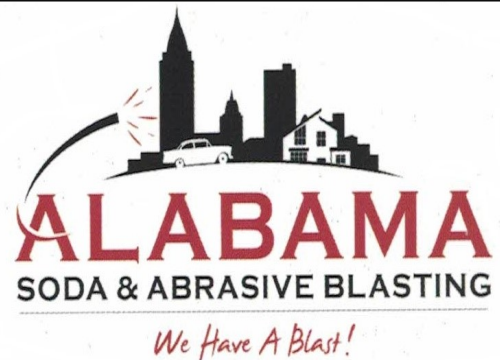
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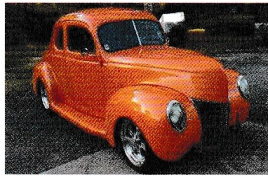
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It's 1973

Pay at the Pump

Pay at the pump is a system developed and used at gasoline stations. A customer can pay for the fuel via a credit or debit card.

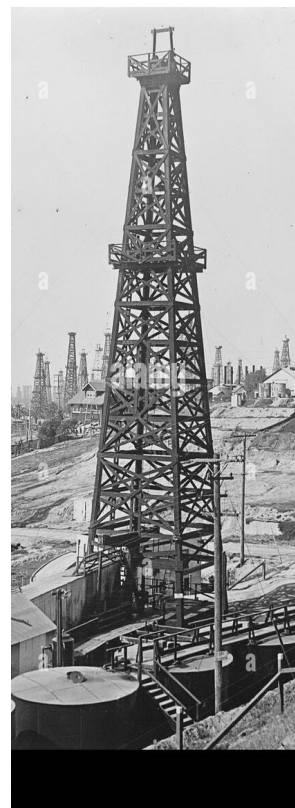
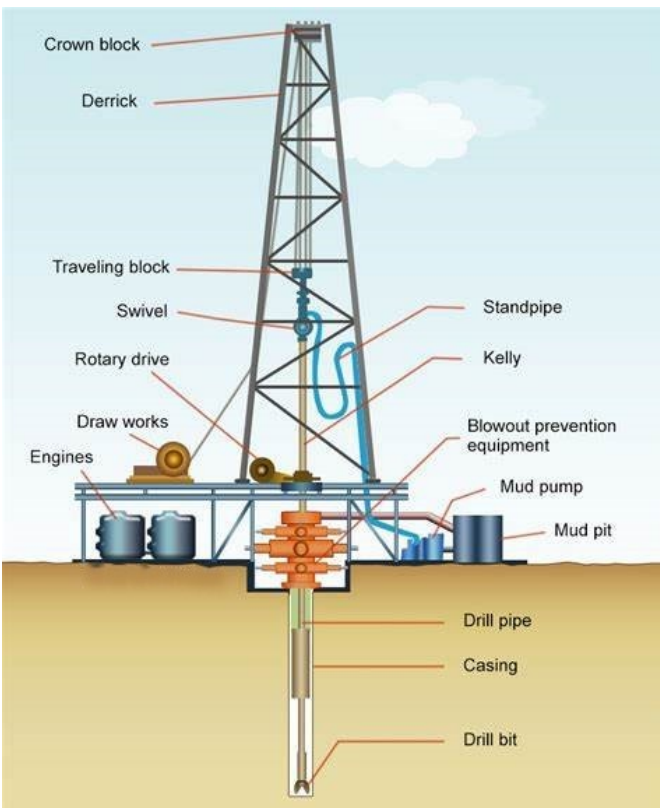
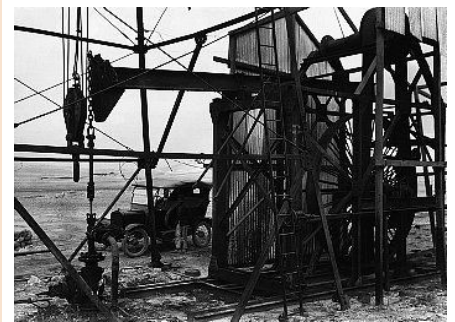
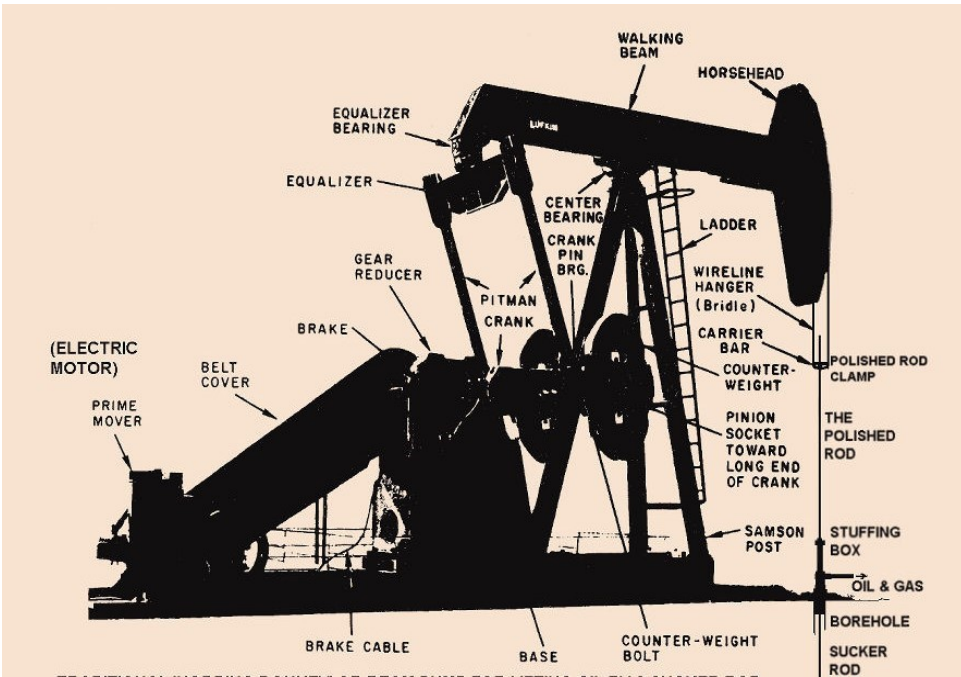
The first pay system of this type was developed in 1973 at Abilene, TX. In 1994 18 percent of the gasoline stations in the US employed the pay at the pump system. By 2002 over 80% of the gasoline stations had the system. Virtually all retail gasoline pumps use this feature now.

One of the advantages is convenience for the consumer as it is a time saver. It also reduces the need for labor and provides a cost saving to the station's owner as well.

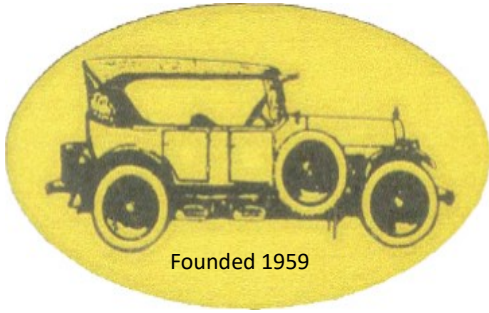
In 1973 you would have paid 39 cents a gallon for regular. In 1994 gasoline averaged \$1.11 per gallon. In 2002 the cost per gallon was \$1.41

Pictured right is one example of a modern gasoline pump.





Crude oil is extracted from the earth's crust by many different types of pumps. Oil fields are found all over the world but are concentrated in specific regions of the planet.



Dixie Vintage Antique Automobile Club, Inc.
4572 Eagle Point Drive
Birmingham, AL
35242-6942
www.dvaac.com

The 2024 Dixie Vintage Member Decal is now available upon payment (\$20) of your 2024 Club Dues.



Each month DVAAC President Ed Zanaty presents the Dixie Vintage Auto Club's award trophy to two current club paying members.

A picture of the trophy is to the **right.**

January's weather in Birmingham was represented by any of the below pictures. Car event attendance was limited or non-existent.

