

## Government proposes octane ratings

A proposed regulation issued by the Cost of Living Council may soon require the posting of octane ratings on all gasoline pumps.

To make the most of this information - should the regulation be implemented on September 12 - you may want to learn more about what octane is and how it works.

According to the American Petroleum Institute (API), octane is a measure of a gasoline's ability to resist knock. Knock is a sharp, metallic noise resulting from uncontrolled combustion in the car's engine. Knock loud enough to be audible may be annoying, but it will rarely cause engine damage. Intense, sustained knock, on the other hand, can harm engine pistons.

As a basic rule of thumb, 94 is the octane rating of regular gas and 100 is the rating for premium. Premium is often required for cars with large, high-compression engines. These engines are more powerful than smaller engines, but they also have a greater tendency to knock - consequently, they need gasoline of a higher octane number.

There is no benefit from using gasoline higher in octane number than needed to prevent knock. (For this reason, regular gas is usually recommended for small cars.) Why pay the extra price for higher octane gas when the lower cost-per-gallon gas will do the job and not damage your car's engine?

In addition to your car's engine size, there are other factors that influence the knocking characteristics of a car:

- Temperature - higher octane gas may be needed in hot weather to avoid knock;
- Altitude and humidity - higher octane gas usually is needed in lower altitudes and when humidity is low;
- Spark timing - when the spark-timing setting is advanced, the engine needs higher octane to control knock;
- Method of driving - sudden acceleration may result in a need for greater octane; start-and-stop driving increases combustion deposit build-up and thus increases the need for higher octane.

The following are some suggestions from API that may help you determine the octane requirements for your car:

- Consider the manufacturer's recommendations or discuss the selection of gasoline with your local car dealer.
- If sustained knock is encountered, try gasoline of higher octane quality until you find the octane rating that controls knock.
- If you encounter knock after your new car has been driven several thousand miles, select a higher octane gasoline. According to API, as a new car is driven, the octane requirements increase due to build-up of combustion deposits in your engine.

## Albina Contractors gain contracts

The Albina Contractors Association has been active during the past month in obtaining contracts for its members, as well as for other minority contractors.

Eugene Jackson, Business Manager for the organization, is currently negotiating with Todd Construction Company for sub-contracts on the federal building in Eugene; with Hoffman Construction Company for the federal building in Portland; and Tom Walsh Construction for 13 housing units in Albina.

Many contracts have been recently acquired for ACA members.

Baldwin Sanitary Service obtained drop boxes for Lawson Construction at the Pioneer Post Office and Concourse K at the airport. They subcontracted with Contracts Incorporated for drop boxes at the Marine Reserve base and the University of Oregon Medical School; and with Hoffman Construction for the federal building. They also have contracts with Tom Walsh Construction, James Hickey for the Red Carpet Room at the airport and the Western Balboa.

Urban Development has contracts with the Vancouver Barracks in Vancouver and with Hoffman Construction for the federal building.

Willie Harris has a painting contract with Weyerhaeuser Timber Company in Klamath Falls.

The W.T. Flemming Construction Company is doing painting for Piedmont Plaza and has a contract with Vancouver Barracks.

John Craig has a landscaping contract with Vancouver Barracks, a sub-contract with Contracts Incorporated for the Swan Island Marine Reserve base; with Bahanan Construction Company for the sewage disposal plant at Woodland, Wash-

ington; and is doing landscape work on Woodlawn Park.

Coast Janitorial has contracts with the Port of Portland; Hoffman Construction, and Tom Walsh Construction.

The Albina Contractors Association has been meeting regularly with federal agencies to insure the enforcement of affirmative action regulations.

**CLEANERS & LAUNDERS**  
Established 1912

**QUALITY DRY CLEANING**  
**REASONABLE RATES**

\*SAME DAY / SHIRT SERVICE  
\*2 HOUR CLEANING  
\*SATURDAYS UNTIL NOON  
\*COMPLETE LAUNDRY SERVICE

SELF SERVICE  
DRY CLEANING  
AVAILABLE  
Do It Yourself  
And Save \$5

1014 N. KILLINGSWORTH  
4 Blocks East of Interstate  
**289-9357**

THE PORTLAND OBSERVER  
P.O. Box 3137  
Portland, Oregon 97208

Please arrange to have the OBSERVER mailed to my home.

- \$5.25 per year in the Tri-County area.
- \$6.00 per year elsewhere.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State & Zip \_\_\_\_\_

Apt. (if any) \_\_\_\_\_ Telephone \_\_\_\_\_

**We Take Care of All Arrangements Expertly...**

Because the good will of the families we serve is our most valuable asset.



**C. Don Vann**

**VANN'S MORTUARY**

5211 N. Williams Avenue 281-2836  
Portland, Oregon

**DR. JEFFREY BRADY says:**  
"DO Not Put Off Needed Dental Care"

Enjoy Dental Health Now and Improve Your Appearance



**PLATE REPAIRS WHILE YOU WAIT**

- NO APPOINTMENT NEEDED
- COMPLETE COOPERATION ON ALL DENTAL INSURANCE PLANS
- COMPLETE DENTAL SERVICES

Just come to this office before 10 AM and we will try to deliver your DENTURES by 4 PM THE SAME DAY

Park Free—Any Park 'n Shop Lot  
HOURS: Weekdays 8:30 a.m. to 5 p.m.  
Sat., 8:30 a.m. to 1 p.m.

**DR. JEFFREY BRADY, DENTIST**  
**SEMLER BUILDING**  
S.W. 3rd & Morrison St. Portland, Oregon  
Take Elevator to 2nd Floor 3rd St. Entrance  
Phone: 228-7545

**WANTED**



**Day Care Mothers**  
To provide Child Care in your home

Ages Infancy thru 12 yrs.  
Day - Swing - Graveyard

Contact: AMA Family Day/Night Program  
288-5091 4635 N.E. 9th

## Redden saves money

State Treasurer Jim Redden said the \$42,471,874.62 received from Washington, D.C. will earn an extra \$12,000 a day for the next three to ten days as a result of his plan which provided for personal delivery of the check. The money, Oregon's share of United States Forest Service funds, has in the past been mailed from Washington, D.C. to the Treasurer's office.

Redden said the combination of high interest rates and slow mails prompted him to find a way to avoid delayed deposit of the funds. He first contacted the United States Forest Service and secured their cooperation. The Forest Service agreed to personally deliver the check from Washington, D.C. to the Treasurer or his delegate.

Redden then contacted Dale Mallicoat, Administrative Assistant to Governor McCall, whose office is in Washington. An exchange of correspondence between the three established Mallicoat as the Treasurer's delegate to receive the check. Redden next contacted the U.S. National Bank in Portland and the bank arranged for the immediate deposit of the funds with a cooperating bank in Washington, D.C.

Mallicoat deposited the check in Washington and the funds were immediately wired to the Portland bank. As soon as the funds were received by wire the Treasurer's office invested them. Redden said the increased income as a result of the immediate delivery and investment would be in the area of thirty-two to one hundred and twenty-thousand dollars. (The exact amount will not be known until Mallicoat's letter, mailed at the same time he received the check in Washington, arrives in Salem. If the transaction had been handled in the usual fashion, the check would have been enclosed and the money invested upon its receipt.)

The funds will remain invested until the Executive Department disburses them to various Oregon counties.

Redden said he is checking into other federal funds which are routinely mailed to governmental units in the state, as a part of his effort to get the maximum amount of use from funds available. Earlier this year Redden sponsored legislation which will allow local governmental units to pool idle funds for investment through the Oregon Investment Council.

## Senior citizens attend classes

Older adults may benefit from two programs at Portland State University this year.

First, persons over 65 years of age may register for either day or evening classes this fall on a space available basis for \$5 per credit hour. However, there may be additional costs for course materials.

Second, retired professionals or executives may join the Retired Professional Associates which is designed to provide an educational opportunity for persons who may not have had time to take classes while they were working.

Members of that group - who don't have to be over 65 - may take courses on a space available basis for \$5 per credit hour or share their expertise in informal group lectures, courses and field trips. There is no charge for those sessions.

Registration on the space available basis is September 25th. Registration for regular classes is September 21.

## Calhoun gets White House post

John Calhoun, a Black former Foreign Service Officer, has been appointed to a top post on the White House staff.

Calhoun, 36, will serve as assistant to Stanley S. Scott, Special Assistant to the President and the top ranking Black on the White House staff.

Calhoun brings a wide variety of experience to the White House post, including numerous assignments in Public Affairs, Community Relations, studies in general and international law.

He established a new communications and advertising program for the Peace Corps to relate to ethnic and minorities in 1971 while serving as the Director of Minority Communications for the agency. He was named Special Assistant for Minority Communications upon the formation of ACTION, which merged the Peace Corps, VISTA and five other Federal agencies.

The new White House aide was Director of Public Affairs for National Farmers Union and its Program Green Thumb during the year of 1970. He served concurrently as Director of Community Relations for the Denver, Colorado based Farm organization.

Calhoun was Chief of Community Relations for the Military District of Washington during 1969, and was responsible for helping to coordinate press coverage of special ceremonies at the White House, the State Department, and Arlington National Cemetery. He played a key role in arranging the international press coverage of the funeral activities for the late President Dwight D. Eisenhower. He also edited the 1969 Inaugural Parade Scenario.

The new White House aide was the Press Liaison representative in Tokyo, Japan, from mid 1967 through 1968 for the United Nations Command. He served concurrently as the Public Affairs Representative for United States Forces in Korea. In the past, he earned a high Korean Government award and official commendation for assistance rendered in facilitating press coverage of the seizure of the USS PUEBLO and the attempted assassination of President Chung Hee Park.

While in Japan, Calhoun was an evening student at Sophia University and completed the requirements for a Masters Degree in Asian Studies.

Before going to Japan he supervised advertising and public relations activities for

## Every day, some innocent person bounces a check.



It can happen to the best of us. Just an innocent mistake in your checkbook, and suddenly, you're overdrawn.

But U.S. Bank has a way to make sure it doesn't happen to you. It's called A.C.T., Automatic Cash Transfer.

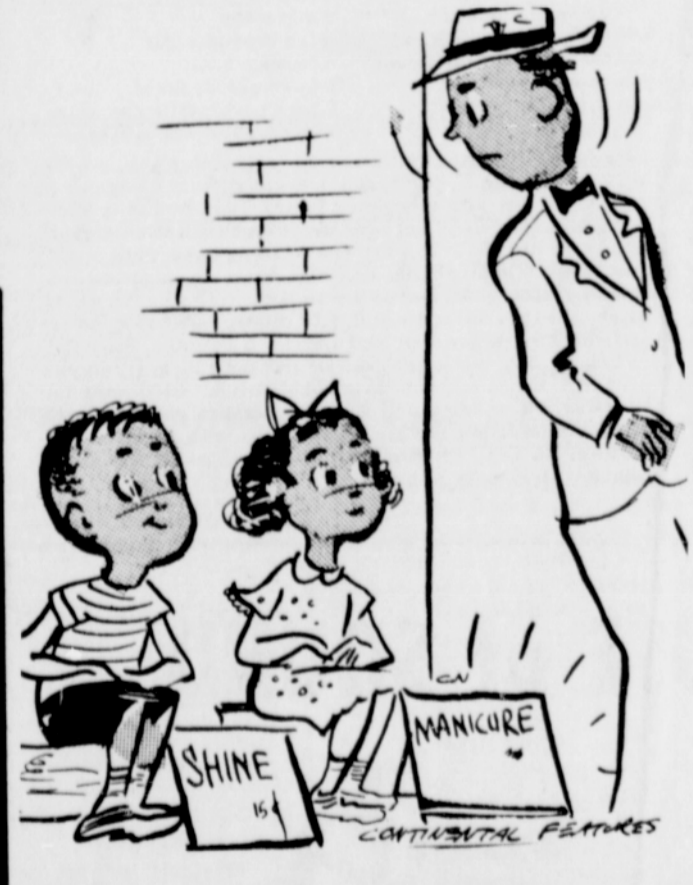
Once you are approved for it, we'll cover any check you write (up to your approved credit limit, of course).

Best of all, A.C.T. costs nothing to apply for, and there is no charge at all until you use it.

Just visit any branch of U.S. Bank and talk to our Lady on the Red Carpet. She'll make your banking a very personal thing.

**U.S. BANK**  
**ACT**  
Check Overdraft Protection

## Tan Topics



**Joe Joseph**  
2017 Lloyd Center  
288-5692  
Eve. 288-0525



**NEW YORK LIFE** Life insurance, educational savings programs, retirement, health insurance and group insurance.

# NOTICE

Please don't waste electricity

To help during this power crisis, here are some ways you can save electricity in your HOME

The region is short of power. Your voluntary help now may help head-off enforced curtailment later. Here's why: Every kilowatt-hour of electricity you use means either some water must be released from reservoirs behind a dam, or some thermal fuel burned to generate that power. If the area's utilities can save the water and the fuel until the big winter demand occurs, we will all be in much better shape to meet the need.

A kilowatt-hour saved now can be very important later. Nobody wants a forced curtailment or blackout. Jobs suffer. People are inconvenienced. It is bad for us all. Here are some things you can do to help:

- HEATING**  
Set heating thermostat 4° below its normal setting. (New setting would be about 68°) Make sure filters are clean. Keep curtains and shades closed on cold days. And conserve heat by installing weatherstripping, storm windows and insulation now.
- WATER HEATING**  
Make sure water heater thermostat is set no higher than 140°. Repair all leaking faucets immediately. Take fewer showers and baths, and spend less time in the shower. Do your laundry only when you have a full load of clothes. Use the dishwasher only after it is full. Turn off the hot water heater at the main panel when you leave home for a week or more.
- LIGHTING**  
Use no more lights than necessary. Always turn out lights when you leave a room. And do not use porch lights or post lamps needlessly.
- COOKING/FOOD STORAGE**  
Plan your meals to conserve the use of the range, especially oven use. Remove food from the refrigerator or freezer in ample time to allow thawing before cooking. Defrost your refrigerator and freezer regularly.
- COOLING**  
Set your air conditioner's thermostat at 80°. Be certain that filters are clean. Keep curtains and shades closed on the sunny side of the house during hot weather.
- MISCELLANEOUS**  
Turn off TV sets, radio and music systems when not in use. Make sure that any heating ducts or hot water pipes in uninsulated parts of the house are well insulated themselves. Keep all windows closed when the heating system or air conditioner is operating.

Write for a free booklet of ideas on conserving energy in your business, home or community

Portland General Electric Company  
Conservation Center  
621 S.W. Alder • Portland, Oregon 97205

I want to do my part in the energy conservation campaign.

Please send me free booklets for:

homes  buildings  community

businesses  apartments

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

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

**Portland General Electric Company**