

SAN FRANCISCO TRIP BY AUTO IMPOSSIBLE

Portland Southbound Drivers Ship Their Cars.

HIGHWAYS IN VALLEY GOOD

Barriers Found on Columbia River Highway Near Hood River and The Dalles.

Several impassable stretches of highway in Southern Oregon and Northern California prevent mid-Winter automobile trips from Portland to San Francisco, according to information received by the Oregon State Motor Association.

the battery become so weak that their headlights fail to illuminate the road sufficiently to insure safety.

EIGHT TRUCKS SOLD IN WEEK

Roberts Motor Car Company Delivers Fleet of Federals.

Eight Republic trucks were delivered last week by the Roberts Motor Car Company, one each in Roseburg, Albany and Hillsboro and five in Portland.

TRACTOR COURSE IS OFFERED

Three Months' Instruction Begins at Corvallis January 6.

HIGH-TEST GASOLINE PROVES ECONOMICAL

Amount Used in Warming Up Motor Is Small.

LOW-GRADE FUEL HANDICAP

Garages Should Be Kept at Temperature of Not Less Than 50 Degrees, Says C. L. Boss.

Ever step outside on a cold morning and hear all the automobiles in the neighborhood straining to get their lungs warmed up, striving to get a spark of life in their motors so the owners can hurry on to their business?

SHIPMENT OF DENBY TRUCKS ARRIVES IN PORTLAND FOR J. H. GRAHAM.



Denby Trucks, Hanging in Capacity From One and One-Half to Five Tons, Are Seen Lined Up in Front of the Denby, Case Six and Scripps-Booth Service Station at Seventeenth and Alder Streets. E. F. Rice, Manager of the Truck Department, is On the Seat of the Five-Ton Model at the Extreme Right.

Oregon roads fairly good, and the principal Eastern highways either in fair condition or passable.

Many motorists are making the trip from Portland to Puget Sound points, driving down the river from Portland to Goble, ferrying across to Kalama and then proceeding north over the Pacific Highway.

Automobilists are advised not to attempt to drive over the Columbia River Highway to Astoria as there is a six- or seven-mile section of highway just this side of the terminus of that road that is very soft.

The shipping cost is reduced where several motorists who register volume production quickly, an official of the Franklin Company said that this accomplishment depended a great deal on the extent to which different plants were disturbed on account of war work.

FRANKLIN OUTPUT GROWS

FACTORY NOW TURNING OUT 70 TO 80 WEEKLY.

Company Looks for Little Change in Manufacturing Expense for Some Months.

In speaking of the ability of automobile manufacturers to regain volume production quickly, an official of the Franklin Company said that this accomplishment depended a great deal on the extent to which different plants were disturbed on account of war work.

When the Headlights Fail. Motorists frequently find themselves in the awkward predicament of having

In the last few months much interest is being shown in the short courses in tractor operation and repair which will be offered at the college this Winter.

MOTORS BEAR NEW PLATES

CAR OWNERS DELAY OBTAINING 1919 LICENSES.

About 24,000 of 63,000 Drivers Have Orange and Black Tags on Their Autos.

With the advent of the new year the 1919 automobile license plates made their appearance on Oregon cars, and since New Year's day have been seen in ever-increasing numbers.

YEAR'S BUSINESS IS \$4,000,000

Yakima Automobile Dealers Make Many Sales During 1918.

New Car Owners in County.

Temporary police licenses were issued in Portland last week to the following buyers of latest model motorcars, pending arrival of the official state licenses from Salem.

should be so much more evident now than formerly. Poor grade of gasoline is the answer. Here is what C. L. Boss, of the C. L. Boss Automobile Company, Hudson distributors, has to say on the subject:

Automobile owners who live in territories where extremely cold weather prevails in the Winter will be interested in knowing the advantages of using high-grade gasoline.

At temperatures ranging from 20 degrees Fahrenheit to 5 degrees below zero the low test fuel will be proportionately difficult to ignite when cold and at 5 degrees below zero it will be practically impossible to ignite it.

Annoyance Eliminated. "It should be borne in mind that high-test gasoline may cost 2 or 3 cents more per gallon, but the amount of gasoline used in warming up the motor will be much less, and therefore the general economy will be increased.

With a low-grade fuel, it is necessary to choke the motor and frequently to prime it before the fuel will ignite and the motor can be started. It is then necessary to run the motor with the choke closed for two or three minutes in order to get it hot enough to get the benefit of the hot air pipe and aid in volatilizing the fuel and eliminating the necessity of the choke.

New MOON Six-36

strikes the dominant note of the day. A "military" car in its trim, debonair gracefulness, efficiency and "conservation" advantages.

A glimpse at the car value we speak of: Wheelbase, 114 inches—double cowl and high honeycomb (Felder) radiator—walnut instrument board, front and rear—solid; beautifully finished—windshield smartly slanted—Spicer joints—Timken bearings—Continental motor.

See this truly lightweight Moon light Six—let us demonstrate for you.



The C. H. S. Co. 65 N. 23d, at Washington. Phone Mar. 1428, A 2424.

Announcing THE OPENING Of Portland's Newest and Most Modern Battery and Ignition Sales and Service Station. We are the authorized factory representatives for U. S. L. Lighting and Starting Batteries ALSO THE ELECTRIC AUTO-LITE CORPORATION EQUIPMENTS. NOTICE—To All Overland, Chevrolet, Oldsmobile and Buick Car Owners: Bring your Battery and Ignition troubles to us. We will give you the desired Factory Service. FREE TESTING SERVICE—We charge and repair all makes of batteries. All Work Guaranteed. Sunset Electric Co. Automobile Electric Equipment Agents. PARK AND DAVIS STREETS IN OREGON MOTOR CAR COMPANY'S BUILDING—BROADWAY 126

SCRIPPS-BOOTH SIX DOWN

PRICE OF CAR NOW DOWN TO PEACE-TIME LEVEL.

Manufacturing on Large Scale Assures Big Value, Says Local Distributor.

J. H. Graham, distributor for the new Scripps-Booth Six, has announced a price reduction for the touring cars and roadsters to \$1355 f. o. b. Portland.

This brings the price of this light six down to the peace-time level. Mr. Graham says he is pleased to be able to make the reduction, declaring that it gives the prospective purchaser of a light six the opportunity to obtain greater value.

"Considering the tried units entering into the chassis of the new Scripps-Booth Six," says Mr. Graham, "together with the well-made body, the Scripps gives greater and more lasting value than any other light six on the American market today.

The Packard test also showed that if every truck owner could reduce the cost of his hauling as much as the winners did during the period of the test America's 400,000 truck owners would save in excess of \$149,000,000 each year.

TRUCK GASOLINE TESTS MADE

Better Planning, Routing and Operation Effect Saving in Fuel.

A saving in gasoline three times as great as that of our motorless Sundays could have been accomplished during the year by the motor trucks of America.

This significant fact was developed through the three months efficiency test conducted by the Packard Motor Car Company, and is based on the increased efficiency of the winning contestants. If every owner and driver would make this same improvement—easily possible through better planning, routing and operation—gasoline totaling many millions of gallons could be saved each year.

Every truck owner should try a tank full of 70-test gasoline. He will soon be convinced that it is well worth the extra cost.

Seventy-Test Grade Recommended. "Every Hudson owner should try a tank full of 70-test gasoline. He will soon be convinced that it is well worth the extra cost.

Seventy-Test Grade Recommended. "Every Hudson owner should try a tank full of 70-test gasoline. He will soon be convinced that it is well worth the extra cost.

TWIN STATES IS REORGANIZED

All Stock in Company Now Held by R. E. Murphy and A. H. Knaus.

Stock of the Twin States Motor Car Company, distributors here of the Chandler, which has a paid-up capital of \$20,000, is now owned by R. E. Murphy and A. H. Knaus, each holding an equal share of the stock. It was announced last week by Mr. Knaus, the company formerly was a corporation, the stock being held by Mr. Murphy, Mr. Knaus and one other person who has retired from the firm.

Preventing Tools From Rusting. A simple way to keep tools from rusting is to give them a coating of vaseline mixed with a small amount of powdered gum camphor. Before applying the two substances should be melted together over a slow fire. When applied to the tools a soft rag should be used.

Don't drive fast on slippery streets.

Another FEDERAL 1 to 5 Tons. Feature—Dependable Power. Heavy loads must be moved faster—business demands this. The pulling power of Federal tractor-semi-trailer is helping solve the business man's problem. Perhaps it's a Federal tractor you need—Our engineers will help you—call on us. Write or Phone for Traffic News. William M. Hughson Co. Broadway at Davis PORTLAND, OREGON. Oldest Motor Car Organization on the Pacific Coast, with branches at San Francisco, Los Angeles, Oakland, San Diego and Fresno.