

of "Motor," were observers; Mr. L. A. Miller, passenger.

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untain

long distances than any other car is simply that the power of the Franklin Car is not handicapped by heavy weight or rigidity and their attendant dangers, driving strain and discomfort. The light weight and flexibly built Franklin holds the roads at all speeds, hugs the turns, smooths out the rough stretches and is practically never held up by tire accidents.



Time for One Mile or One Milometer, Sec	Equal to Miles or Kilometers per Hour.	Dime for One Mile or One Kilometer, Sec	Equal to Miles or Kilometers per Hour.	fime for One Mile or One Kilometer, Sec	Equal to Miles or Kilometers per Hour.	Time for One Mile or One Kilometer, Sec	Equal to Miles or Kilometers per Hour.	Time for One Mile or One Milometer, Sec	Equal to Miles or Kilometers per Hour.	Ume for One Mile or One Ellometer, Sec	Squal to Miles er Kilometers per Hour-		/
24 1-5 2-5 3-5 4-5	150.00 148.76 147.54 146.14 145.16	30153333	120.00 110.20 118.42 117.64 116.88	36 1~3 2~5 3~5 4~5	100.00 99.44 98.90 98.36 97.82	43155555	85.71 85.30 84.90 84.50 84.11	48. 1-5 2-5 3-5 4-5	75.00 74.68 74.38 74.07 73.77	54 1-5 2-5 8-5 4-5	66.66 66.42 66.17 65.93 65.69	New York-Boston Rou 458.8 Miles, in 12 Hrs	nd ' s. 5
25 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5	144.00 142.86 141.75 140.63 139.53	31 1-5 1-5 3-5 4-5	116.18 115.38 114.65 113.90 113.21	37 1-5 2-5 3-5 4-5	97.29 96.77 96.25 98.74 95.23	431-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	\$3.72 \$3.83 \$2.95 \$2.57 \$2.19	40 1-5 2-5 3-5 4-5	73.47 78.17 72.87 72.58 72.29	38 1000	65.45 65.21 64.98 64.74 64.51	On September 29th Mr. B. Franklin Touring Car from M Boston and back in 12 hours an	anks New nd 5
4 4 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	$\begin{array}{r} 138.46\\ 137.40\\ 136.36\\ 136.34\\ 134.33\end{array}$	32 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5	112.50 111.80 111.11 110.43 109.75	38 1-5 2-5 4-5 4-5	94.73 94.24 93.75 93.26 92.78	44 1-55 1-55 1-5 4-5 4-5	81.81 81.44 81.08 80.71 89.35	$^{50}_{\substack{1-5\\2-5\\8-3\\4-8}}$	72.00 71.71 71.42 71.14 70.88	56 1-5 3-5 3-5 4-5 4-5	64.28 64.05 63.83 65.60 63.35	establishing what was then a record of 458.8 miles at 38 mile drove entirely at night without	road s an it re
17-10-10 17-10-10 17-10-10 17-10-10 17-10-10 17-10-10 17-10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10 10-10 10 10-10 10 10-10 10 10-10 10 10-10 10 10-10 10 10-10 10 10 10 10 10 10 10 10 10 10 10 10 1	$\substack{183.33\\132.28\\131.88\\130.48\\129.50}$	13 1-5 3-5 4-5	100.00 108.43 107.78 107.14 106.51	39 1-5 3-5 4-5 4-5	92.30 91.83 91.37 90.91 90.45	45 1-5 3-5 4-5	80.00 19.64 79.29 78.94 78.60	51 2-5 3-5 4-5	70.58 70.31 70.04 63.76 69.49	57 1-5 2-5 8-5 4-5	63.16 62.93 69.71 62.50 62.28	accidents and the fuel average of the gallon of gasoline.	was 1
**************************************	128.87 127.66 126.76 125.87 125.00	34 1-5 2-5 8-5 4-5	105.88 105.26 104.65 104.04 100.45	40 1-5 2-5 8-5 4-5	00.00 83,55 89,11 88,67 88,23	46 -55 55	78.26 77.92 77.58 77.25 76.92	52 1-5 2-5 3-5 4-5	69.95 68.96 68.70 68.44 65.18	58 1-5 2-5 3-5 4-5	62.07 61.85 61.64 61.43 61.22	36.1	A
ta -55 -55 -1-1-5 -4	$\substack{124.13\\123.28\\122.45\\121.62\\120.80}$	35 1-5 2-5 3-5 4-5	102.83 102.27 101.69 101.12 100.36	4112004	87.80 87.38 86.95 86.53 86.12	47-5555	76.39 76.27 75.95 75.93 75.31	53 1-5 2-5 8-5 4-5	67.92 67.66 67.41 67.16 66.91	30 1-5 2-5 3-5 4-5	$\substack{ 61.01 \\ 60.81 \\ 60.60 \\ 60.40 \\ 60.20 }$	Yosemite	7
where The speeds gine: G	Dis follow at 100	als: c3.141 xgear the w ing t 00 rev	far. p. n ratioxi cheel d able g olution 12:1	n. 188 Lametrives t n of t 9:1	er. he car he en-	more "Di the c form: being ber "Jim" ten, :1 4	nore, Columbus and Escanaba. "Dave" Kinnie placed himself in he calcium glare by sensational per- ormances at Bakersfield and Frezno, being placed a winner the same num- ber of times during the season as 'Jim" Davis. He won first at Hamil- ten, Alliance and Dayton. Don Marks 4:1 3:4:1 3:1 2:5:1 2:1 1:1 4:1 3:4:1 3:1 2:5:1 2:1 1:1					P. E. Frost, of Portland, Me., inclu of Mt. Washington without a stop stop low gear run of 98.2 miles. Climb without a halt is alone a record.	ded t as par bing the the
32-inch 33-inch	wheel wheel		7.9	10.2	13.6 19 13.6 19	- 6 23 - 6 24 - 6 24	.1 26. .8 27.	2 30. 31. 2 31.	7 36.F 7 38.0 9 39.1	46.1	92.2 95.0 97.9		Cava In Mr.
40-inch 42-inch 44-inch	wheel wheel wheel		9.1 9.0 10.1 10.6	12.2	15.6   51 16.5   53 17.8   54 18.1   55	0 25	.4 81 .8 32 .8 34 .7 86	2 36. 9 35. 6 40. 2 42.	6 43.8 4 46.0 3 48.4 2 50.0	57.0 57.0 60.8 63.4	109.4 115.2 121.0 126.7	CREASES CAPITALIZATION.	tion fast coas the
Here is another useful table for electrolyte freezing points: Freezing Points of Battery Solution. Freezing Points of Battery Solution. Points							consistent field, hile he , Ray recorr in 19 Los A James up net to Lo haar s 0 mile a minu the n at R New A score had as a aking ima F	did Artie did Artie dis in 19. F ingeles s Ura w mark s Ang iet a s at S s at S s at S s at S ite off nost in eading Jersey, ith, B ind Orr big II these lights / uys /	races not st y shat solo i le set s to Sa uhart ks for i cles d new w heepsh the oh the oh the oh the oh the oh the oh the oh the st s to s to s to s to s to s to s to s	at Lin art In tered and si a nev in Die as pa the Sai latance orld's ead Ba d mari not en in Wi ge Eil Pottes ile ma mobile in the ers und interesting in the pottes in the postes interesting in the postes interesting interesting in the postes interesting interestinterestinteresting interesting interestinteresting interesting int	na and many several ide car w mark go, and ssenger n Fran- e. Ray record ty, cut- t, cut- t, cut- t, cut- t, John de per- senbise se suc- sed them Pump.	S. V. W. Peters Here From Scattle to Enter Firm and Handle Packard Car Sales. To mest requirements of a large increase of business and provide for future needs, capitalization of the Portland Motor Car company, local distributors for Packard and Nash cars and trucks, has been substan- tially increased. This increase per- mits the advent into the firm of S. V. W. Peters as vice-president and gen- eral manager. He will take over this increase of stock. Mr. Peters is an old Packard and Nash man and comes to Portland from Seattle, where he has been connected with the North- west Motor Car company, which han- dies the Packard and Nash there. Plans of the Portland Motor Car company for 1920 include doubling of their present capacity through ereo- tion of a building to cover the whole quarter block at Tenth and Couch	para T not tentri sale timi can etili the PH Gooo T trail ogn ogen cerri well loss por is

drove a **601** Washington Street York to minutes, touring hour. He ief. No no tire 8 miles to Boston to Syracuse and Back, Driven by Woman in 24 Hours' Time A new mark for women drivers was set when Mrs. Ralph G. Reed recently drove 693 miles in 24 hours Stanley S. Car. The and 20 minutes elapsed time. The route lay between e climbing of a non

## **Braly Auto Company**

Portland, Oregon



## Reels Oft 832.6 Miles in a Day

W. H. Diddel, of Indianapolis, a non-professional of the country for a 24-hour road run by covering time. The trip was made in a stock model Franklin was accompanied by two official observers, but drove

No mechanical adjustments of any nature were necessary during the trip. And the mileage of the last twelve hours was as big as that of the first twelve hours, indicating that the driver felt little or none of the fatigue ordinarily to be expected.

Two other Indianapolis motorists, likewise driving Franklins, also exceeded the former distance record. That, too, had been established by a Franklin Car.



driver, recently established a record for his section 832.6 miles of road in 221/2 hours' actual running Touring Car, without ballast, shock absorbers, or any change from regular equipment. Mr. Diddel all the way himself.

In two previous trials—a total of 5870 miles—the first two attempts being stopped by snow and rain storms. At the finish the front tires were in per-fect condition, while the rear set showed slight wear on the tread. In the first trial 1730 miles were reeled off at terrific speed in 27 hours 57 minutes and 52 seconds be-fore a hard snow storm made the the first trial tradice in the soldering from or steel is to make a swab from flexible to make a swab from flexible the solder of the solder to stick firmly. site of the new structure have ESSEX SMASHES RECORD a forn down, preparatory to ex-ation for the additional building, making investment in Portland Peters says he is locating in a which is destined, through locawhich is destined, through loca-and other advantages, to grow er than any other on the Pacific st. He will take active charge of sales end of the business, paying icular attention to the Packard senger car line. he personnel of the company will be charged through Mr. Packard STOCK CAR SETS WORLD EN. DURANCE MARK. steel is to make a swab from flexible electric light cord, which is used in hours 57 minutes and 52 seconds be-fore a hard snow storm made the track so dangerous that postponement was necessary. The second trial was stopped by a heavy downpour after 1042 miles had been completed in 16 hours 25 minutes and 40 seconds. The drivers worked in six-hour shifts, the strain of speed and freez-ing weather thring them quickly. Not only was it a severe test of steel and rubber, but also of human endurance. speedy 50-Hour Run at Cincinnati Made on Goodycar Tires and be changed through Mr. Peters' y. John Krog will continue as a manager and will devote his to furthering sales of the Nash. **Do Not Confuse** Wire Wheels." STORAGE or self-starting **Isolation and Insulation** The formation of the Nash. In a 50-hour time and endurance trial on the Cincinnati speedway on December 12 "Dave" Lewis, "Tominy" Mifton and De Loyd Thompson hurled a 183-cubic-inch displacement stock model Essex around the board oval at a record breaking average speed of Battery insulated will not operate. In the VESTA,  $\mathbf{\Gamma}$ llustrated below, you will PLENTY OF GAS IN FRANCE find the plates "isolated,"or held apart with isolators that are patented A los-educio-inclu displacement stock modycar Workers Have Classes in Physical Training. The value of systematic physical thing for executives is being rec-nized by the big industrial con-math the for the 50 hours and 50. The value of systematic physical thing for executives is being rec-nized by the big industrial con-math the for the 50 hours and 50. The value of systematic physical the records for 1, 4, 12, 24, 26, 48 and 50 hours. The mileage for the above periods was respectively 59, 255. 1539, 2323, 2313 and 3037. These sensational period statisticational periods of the speedy racer was a classes being held three times a classes being held three three in the set being taken from stock in the conclusational period statistic is not only ran 3037. These sensational period statistic is not satisfies were no less a victory for Goodyear the conclusational period statistic from stock in the conclusational period statistic is not only ran 3037. These sensational period statistic is not only ran 3037. These sensational period statistic is not only ran 3037. These sensational period statistic is not satisfies the conclusational period statistic is not satisfies the conclusation triad, but were used a classes being held three times the conclusation the final triad, but were used and classes being maint index for the final triad, but were used a classes being held three times the conclusation the final triad, but were used a classes being held three times the final triad, but were used a classes being held three times the final triad, but were used a classes being held three times the final triad, but were used a classes being held three times the final triad, but were used a classes being held three times triad the plane triad the bindick the the conclusation triad tri and not found in any other



Cincinnati to Cleveland and Back, Twice Across Ohio, in 15 Hrs. 45 min.

A motoring sensation was created in the state of Ohio when Cliff Leuders, without stopping the engine of his Franklin Touring Car, reduced the touring time from Cincinnati to Cleveland and back. He covered the 553 miles in 15 hours and 45 minutes of actual running. The odds were 4 to 1 that the previously announced time of 17 hours could not be made.

Covering this route at any speed is thought by Ohio motorists to be a severe test of any motor vehicle, so bad are the roads. Yet the Franklin averaged over 35 miles an hour. Rain which froze on the Fiders and turned into a blinding snowstorm added to the difficulties.

Observers, Mr. Robert Beiser, Automobile Editor, Cincinnati Enquirer; Mr. Richard Powell.

Boston and Syracuse and return and required twice passing through the congested traffic districts of those cities. Mrs. Reed believes that a heavy storm through which she had to drive for a hundred miles prevented her making even better time,