

GAS BY MILLIONS OF GALLONS LOST TO AUTOISTS HERE

Pump Dealers Deny Faulty Apparatus Causes Short Measure

POSSIBLE REASONS CITED

Photographs illustrating this article appear on the pictorial page.

Pennsylvania automobilists lose 200,000,000 gallons of gasoline every year through the careless and sometimes unscrupulous handling of measures and gasoline pumps by dealers and garage employes, according to an estimate of Chief John Virdin, of the Bureau of Weights and Measures.

If the automobilists lose that much, the pump manufacturers reply, it goes off in vapor, is spilled out in automobile wrecks or is drunk by riotous chauffeurs and their companions on joy rides.

"I don't let Chief Virdin scare you," said a Philadelphia agent of a pump manufacturer today. "There is no doubt some loss of gasoline to automobilists, but it is questionable whether the amount reaches anywhere near that much. At any rate, it is not lost through the patented pump. It may be stolen by garage employes, but it is doubtful if they could get away with that much."

THINKS FIGURE TOO HIGH.

"I believe," said J. P. O'Neil, manager of the local sales office of S. F. Bowser & Co., pump manufacturers, "that Chief Virdin's figures are exaggerated. I like to see the chief show the people that he is on the job, but in this case I believe most of his figures and reports are principally for that purpose."

"There is a loss to the automobilist of from one to 1 1/2 cubic inches of gasoline per gallon," asserted Chief Virdin. "In 1914, 60 per cent of the gasoline sold was short seven cubic inches per gallon. That was probably due, however, to the fact that for thirty years prior thereto there was a lack of inspection. Now that there is more supervision, the loss has been greatly diminished, but not as much as it will be, especially if I can get the help of the automobilists themselves."

The help that Chief Virdin wants is a report from each automobilist whenever he finds himself getting short measure. He can tell when he is being cheated, Chief Virdin says, if he will always carry in his car a measuring stick marked off to accord with the quantity of gasoline his tank will hold. By dipping this stick into the tank after the gasoline has been poured in he can see whether it comes one gallon high or fifteen gallons high. And when he has less than what he is asked to pay for, he should call up the Bureau of Weights and Measures immediately and an inspector will be sent out to settle the question.

"He should report the shortage," said Chief Virdin, "and not merely request that he get full measure."

CAUSE OF LOSS

"Another way the automobilist is cheated," said Chief Virdin, "is when gasoline is pumped into his tank at a point below it. He loses the amount of gasoline that remains in the hose between the pump and his tank. He should see that this is drained out each time."

"Still another accounting for loss is in the faulty installation of pumps by garage owners and dealers. Sometimes the pipes connecting the pump with the tank back under the garage is installed so that there are several joints in the pipe line as it goes up and down and around joists and walls. The pump and the big tank should be connected so that the pipe line drains straight back from the pump to the tank."

Chief Virdin explained that this pipe should never be laid so that gas pockets will be found in it, causing the automobilist to pay for vapor instead of gasoline. If the pipe has sections that are laid up and down, like the letter "W" for instance, gas pockets will form in the parts of the pipe corresponding to the left hand strokes of that letter if the movement of the gasoline is from left to right when it is being pumped. When the pump begins to pull the gasoline from the tank these pockets of gas are pulled along with the gasoline and escape into the air when they reach the automobile tank, while the pump registers the gas.

WATCH REGISTER!

"The gasoline purchaser," said Chief Virdin, "should also see to it that the man handling the pump turns the crank until the cogbar hits the top and comes down to hit the bottom on each gallon pumped. When the cogbar does not go all the way to the bottom or to the top, the purchaser gets only a part of a gallon, while the pump registers for him and he pays for a full gallon."

Manager O'Neil, of the Bowser Company, and E. M. Denton, director of sales of the Wayne Oil Tank and Pump Company, are among the local dealers in pumps who deny that the loss of gasoline is through the use of the patented gasoline pump.

"We are manufacturing and selling pumps now," said O'Neil, "that are as accurate and as proof against loss as the latest cash register. We are installing most of them ourselves. If there is an infirmation on the part of dealers to cheat—which I doubt is as extensive as Chief Virdin believes it is—they cannot do it by the manipulation of our pumps. And if the pump should happen to be faulty, the dealer is nearly always the one that loses, and not the consumer."

"Pumps are now made so that a gallon will not register unless the tank is turned until the cogbar touches the top and the bottom of the shaft."

"They will register even a quart, and the entire amount of gasoline pumped is shown on a register such as the one that shows the mileage covered by an automobile."

The question whether or not the patented gasoline pump is strictly a liquid measuring device is now being considered by the Attorney General. It was referred to him by the Pennsylvania Association of Inspectors of Weights and Measures at a convention in Harrisburg during September.



At the first sign of skin trouble apply Resinol

That patch of eruption is not necessarily a serious matter. Even in severe, well-established cases of eczema, ringworm or similar affections, Resinol Ointment and Resinol Soap usually relieve the itching at once and quickly overcome the trouble completely. How much more, then, can this simple, inexpensive treatment be relied on to dispel skin troubles in their earlier stages.

All articles purchased tomorrow or thereafter will not be billed until January 1, 1917.

Manufacturers and Retailers
Blauner's
833-35 Market Street
FACTORY, 37TH & BROADWAY, NEW YORK

Courtesy helps to make shopping at Blauner's a pleasure. Supreme value-giving makes it a profitable pleasure, too.

The Woman Who Aims at True Economy Shops at Blauner's—Experience Taught Her That

Balloons for All Kiddies
Who come with their Parents between 9 A. M. and 1 P. M.



Saturday You Will Buy the Children's Coats

We have one of the largest and most complete stocks in town. Wonderful assortments from

\$2.95 to \$10.90

for the school girl down to the baby. Sturdy zibelines, corduroys, astrakhans and mixtures for school, and fancy velvets and plushes for best, all appropriately trimmed with fur, velvet inlays, plush and buttons.

Young Girls' Velvet and Serge Dresses \$9.90

\$12.90 to \$16.90 Values

Charming little "good" dresses in velvet and serge and taffeta combinations. Russian and Empire models in sizes from 10 to 16 years.

Serge School Dresses, \$4.89
Values up to \$6.50

Well-made, sensible little dresses for school, for the 6- to 14-year-old girl. Long-line and conventional waist-line effects.

Infants' Bonnets and Caps, 39c
Values up to 75c

Dainty white silk and bengaline caps and colored corduroy bonnets prettily trimmed.

Infants' Short Coats, 89c
Value \$1.50

White cotton cashmere, in 6 months-, 1- and 2-year sizes.

Poiret and Kamchatka Blue Fox Scarfs \$15
Regular \$35 Values

Large, fluffy, full animal scarfs that are so much in demand just now. The skins in these scarfs are exceptional, and their coloring is equally good. One sketched.

Saturday Morning SPECIALS

That Will Save You Many \$ \$ \$ \$ \$ \$
From 9 A. M. to 1 P. M. Only

FUR DEPARTMENT

Tiger Coney Sets, \$4.50
Value \$7.50.
Good looking barrel muffs and full animal scarfs. Set pictured. **SECOND FLOOR**

MILLINERY DEPARTMENT

Children's Velvet "Best" Hats \$1.49
\$5.00 Values.
Diminutive mushroom hats. One pictured. **Third Floor**

SKIRT DEPARTMENT

Box-pleated Poplin Skirts \$3.50
Regular \$4.90 Values.
Exceptionally Smart.

BLOUSE DEPARTMENT

Sweaters \$3.00 at Cost.
Regular \$5.00 Values
Up-to-date all wool worsted and fiber silk sweaters in rose and oyster.

A VERY SPECIAL LOT OF Velvet Suits

Which We Have Marked at

\$15 & \$17.75

The values, conservatively stated, are from \$29.50 to \$35.00



We cannot emphasize too strongly the importance of this event, which places within the reach of many women a collection of velvet suits which, for style, quality and value, stand alone.

Belted, pleated and semi-straight-line effects, trimmed in many novel ways. The colors are Burgundy, bronze, green, navy, brown and black. All suits are interlined. Exquisitely trimmed with opossum, mole, nutria and Hudson seal.

SECOND FLOOR

Plush Coats that display the newest whims of fashion

\$19.95 to \$25

Exceptionally dressy are the full flaring models, with large collars of coney or beaver plush and deep cuffs, selling for \$19.95.

Others will prefer a smartly belted effect with edgings of opossum on collars and cuffs, priced at \$22.50.

A third model has a rich, deep sailor collar of soft moulton, with cuffs of the same fur. This is one of the coats at \$25.00.

Of course, you will find a great variety of other models at each of these prices, and still others priced higher. Each one offers typical Blauner savings.



JUST UNPACKED 400 New Wool Velour Coats, \$15.00
Smart flare models with large sailor collars of kit coney. Triple belted.

Basement on the LOWER PRICE FLOOR Savings

Style and Warmth Are Two Features of These New

Coats \$6.90 to \$16.90

For service and smartness these coats will surely please the woman who insists on getting the most for her money.

Whether she wants a wool velour, boucle, frieze, pebble cloth or silk plush, she can satisfy her wants here without going above the price named.

These coats come in Redingote, Empire and raglan models, with the newest Napoleonic sailor or convertible collars. Trimmed with Seal or Beaver plush. Colors are Mustard, Burgundy, Havana Brown, navy and black.

Coats of Seal or Esquimette Plush \$13.50 to \$25.00



Attractive Enough to Please the Most Particular

Smart New Suits \$9 to \$14.90

A splendid collection, stylish and up-to-the-minute wool poplins, serges, gabardines, whipcords, wool velours and chevots, with the popular trimmings of fur, velvet and fur plush.

The much admired flare models are plentiful, and many novel belt effects add to their distinctiveness and style.

Other Suits, \$6 to \$17.75
This range of prices includes everything one could wish for, from serges, gabardines and wool velours to the most beautiful poplins and velvets.
Come and see them.

The Blouse Department Is Brimful Just Now With Exceptionally Lovely Blouses



between **\$2.95 to \$8.95**

Crepe Georgettes, chiffons, washable nets, laces and crepes de chine in flesh, white and all the new suit shades. Beaded, braided and frilled effects. Some with the new puff sleeves.

The Blouse Pictured Is the New **Paisley Waist at \$4.95**

which is a combination of paisley printed chiffon over white chiffon in surplice style. They are "just the thing" now in New York.

Lingerie, Crepe de Chine and Net Blouses, 95c to \$1.95

Fine voles and organdies, laces and embroidery trimmed. Crepes de chine in tucked effects and dressy laces and nets.

Fashion's Favored Gold and Silver Lace Hats **\$2.95**



That are worth at least \$4.95.

And they are right in time for Saturday night's theatre trip, what's more. Small and medium sized modified mushroom shapes of gold and silver lace with rose, coral, Nile green, gold and black panne velvet crowns. One sketched.

VERY SPECIAL Marabou Boas and Scarfs \$2.95—\$3.95

Values from \$5.00 to \$10.00.

Long fluffy graceful boas and fluffy cape shaped lined scarf pieces of marabou in solid black, natural, and natural and white mixed.

It's surprising, the warmth and durability of marabou, and it's so soft and becoming.

Youthfulness Predominates in These Handsome

Dresses AT \$7.90 & \$9.90



They are just what you always wanted, for they are good, serviceable dresses, suitable for shopping and afternoon wear.

Well made of French serge, serge-and-satin, combined charmeuse, satin, crepe de chine, taffeta and velveteen, in those graceful straight line box pleated models, Redingote, Russian blouse or Empire effects.

Contrasting collars and cuffs of silk, Georgette, taffeta or broadcloth. All sizes in brown, submarine blue, green, Copenhagen, Burgundy, navy and black.