The Automobile

CARE REQUIRED TO FFED GAS TO AUTO PROPERLY.

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Lingineers: through exhaustive ex-periments have made it also possible for a gasoline engine to be better than 20 per cent. efficient. However, this has been accomplished somewhat at a sacrifice of ease and comfort. But burning gas on one stroke so it can most owners do not want greater burning the total amount of heat generated by burning the gaso-line is lost. Another reason why this be given to clean the cylindess of surring gas on one stroke so it can mile are the total amount of the source burning gas on one stroke so it can mile are the source of t mileage per gallon of gas at a big next. sacrifice of comfort. And there you

required for driving.

required for driving. Or a designer may increase the com-pression. But when there is a steep hill to ascend, a big load to haul or a slight ascend, a carbon the a slight accumulation of carbon the engine will probably knock. Motor

FRICTION COSTS 10 PER CENT

sacrifice of comfort. And there you are. DIFFERENT PLANS OF FUEL. For example, one may adjust the carburetor so that a very lean bixture of gas is used. Result, a high mileage per gailon of gas but slow accelera-tion, poor hill climbing, diffcult regu-lar running of the engine when at a low temperature and exceptional skill required for driving.

with the metal parts of the engine na-turally would burn the lubricating oil "rom their surfaces, so that the piston would not slide up and down in the cylinders. It would heat the metal ing the metal parts separated.



Mary Patricia Wilson, two years and eight months old, of Melbourne. Australia, crowned for the year as the prettiest baby in the British Empire. Over 60,000 entries were made in the contest, held under the auspices of the national baby week council.

Ready for Winter.	Growing a Good Roads
e dropped the leaves from each	
twig and bough,	It is not so long since a good grave
ready, all ready, for winter now.	from the the welle of perfection in
ed of their fluttering flags and	road building and those using the roads were delighted with highways
sails,	of this description. Property that was
ees have no fear of the winter	offered for sale had a special appea
gales.	if it could be advertised as being sit
	uated on a gravel road. A Canadian
sap is safe 'neath the frozen ground.	farmer is still well satisfied with gra
e clear, high summons of Spring	vel roads and even the fact that he
shall sound.	cannot travel exclusively on this class of roadway does not deter him from
A CONTRACTOR OF	getting to any point he wishes. An
bud is wrapped warmly, secure	occasional detour is accepted as in-
and tight,	evitable and is made the best of.
ach has a waterproof new and	The city man, however, having be-
bright.	come accustomed to paved streets, ex-
lbs are well covered, my seeds	pects to have these provided wherever
are sown.	he has the will to go. He may com- plain of his frontage tax on his 33 or
way to the south have my song	50 feet of pavement, but he cannot see
birds flown.	why in front of the thousand or more
	feet of frontage of the individual farm
ear's been so busy and happy	the roadways are not all paved. True,
and blest, ow I am weary and long for	he would like to whizz by on smooth
rest.	
	tion, forgetful entirely of the inter- mediate scenery or of the fact that the
ed in my leafy blanket light,	roadway was not built for his exclu-
for the snow's warm coverlet	sive use. There is far too much un-
white.	justifiable complaining about our
at one for the odetest that	roads. Wonders have been performed.
not care for the winter's blast whirling snow-wreaths driving	upon them in the past few years, and
ast.	the transformation to motor roads is
	going on as rapidly as reasonably pos- sible. It cannot all be done at once,
ill but cover me still more deep.	and detours will be necessary yet for
ly lull me to sweeter sleep.	a while. In many cases the detour is
a	the only place where the motorist
d with content I will stretch	slows up sufficiently to see the coun-
eam of the fifes of the far-flung	try through which he is travelling.
torm."	and in doing this it is conferring an
	unexpected favor upon the driver. Canada's roads are good and it will
	and b roads are goon and if will

Then Mother Earth sank into slumber be only a short time until detours are a thing of the past. In the meantime

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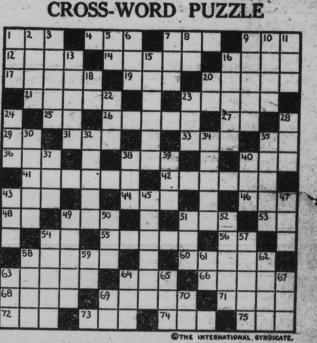
Vitamin in Whales. Whale oil si rich in fat-soluble vita-

Chains for Winter Days.

Motorists who drive continually un-

An absent-minded man supped with a friend one night. The next day he wrote to his friend as follows: "I left both snow-covered or wet, slippery my kn fe at your lodgings yesterday; please send it back to me if you find

it. P.S.-Never mind sending the knife, as I have found it." Asparagus is one of the oldest known plants used for food.



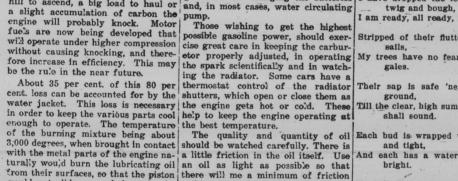
1—Pooh, 4—Prefix meaning "three" 7—Pronoun 9—Brother (abbr.) 12—A desert wanderer 14—An anesthetic 16—Wild animal 17—A countryman 19—Total 20—Sawmill-truck 21—Soult 20-Sawmill-truck 21-Spilt 23-A priest of ancient Britain 25-Musical note 26-To attempt 27-A heavy weight (abbr.) 29-Preposition 31-To tangle 33-A type measure (pl.) 35-To have existence 36-Young animal 38-A high explosive (abbr.) 40-A month (abbr.) 41-Quick in action 42-Hardens by use

VERTICAL -The laurel-tree 1—The laurei-tree 2—In a row (poet.) 3—Cod-like fishes 5—Musical note 6—Posstessive pronoun 7—To shut in 8—Suffix denoting the agent 9—Start 10—To invade suddenly 11—Metai-bearing rock 13—Obscure 11-Metal-bearing rock 13-Obscure 15-A great bay in Canada 16-A setto (pl.) 18-Life Guard (abbr.) 20-British (abbr.) 22-To consume 23-Color 24-A dandy 28-A number 30-Cryptogamous plants 30-Cryptogamous plants 32-A monastery 34-A river in E. France and Belgium

The Most Appropriate Not Available. "With these very short skirts I want to wear the most appropriate "Yes; but a woman can't wear hip

boots.

Answer to last week's puzzie:



I hav

- My bu And av Simple Things.
- The v ometimes such simple things can make me weep, Such tiny things. And n Across the hill the distant bleat of
- sheep, Or fluttering wings. Wrapp The voice of the wind in the dead of I wait the night. The mcaning sea
- The star that shall herald with silver And Hght The day to be.
- Birds that, in the first grey tint of They w dawn, Peep from their nest. And on babe that nestles close against
- Drowse Its mother's breast. Brown leaves that tumble down, a And. dr

C-IT

mournful heap, From wind-tossed trees. It seems so strange-they make me yearn to weep, Such things as these. deep,

I will r

- HORIZONTAL 1-Poot

