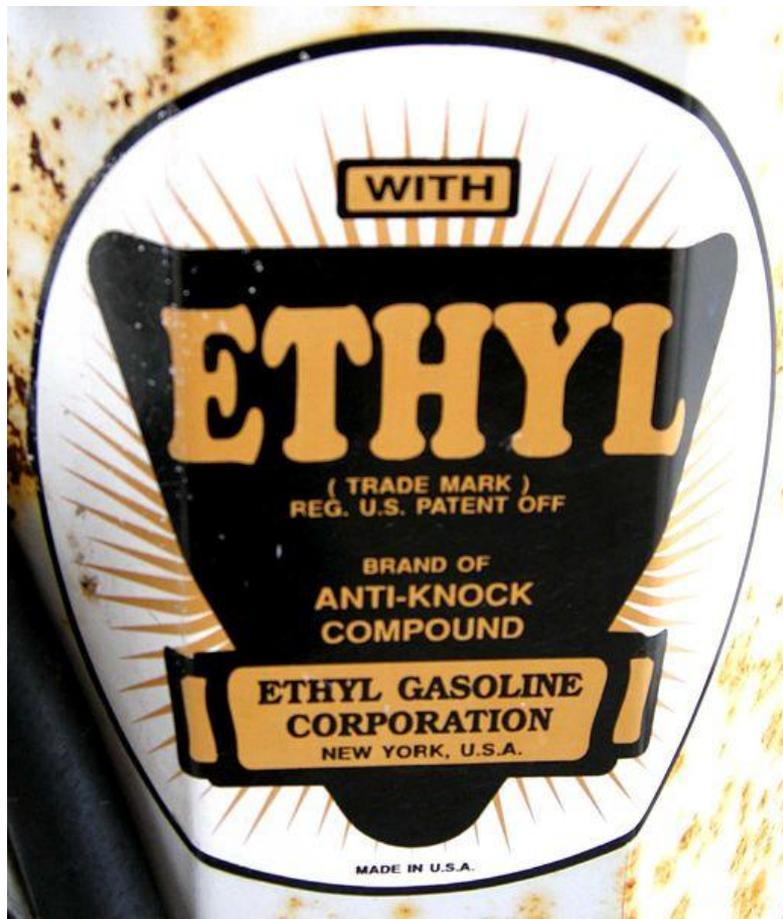


Ethyl Gasoline Corporation



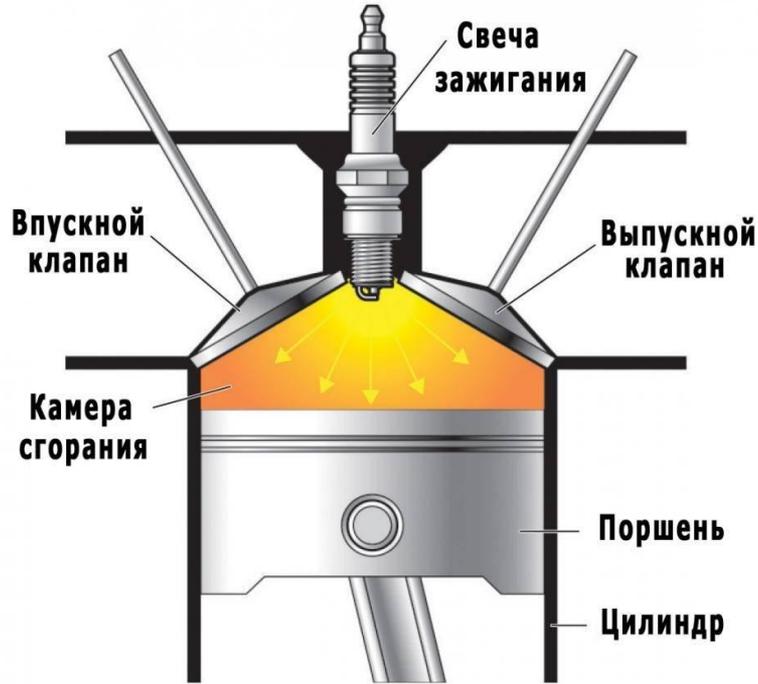
Табличка Ethyl Gasoline Corporation на старом американском бензонасосе.



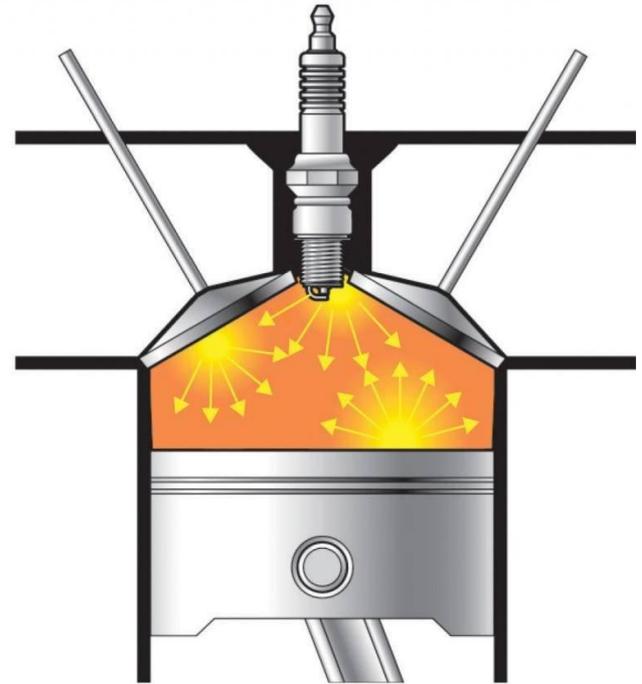
Тетраэтилсвинец



Октановое число и ДВС.



(a) Нормальный процесс горения



(b) Ненормальный процесс горения

Томас Миджли.

Американский химик и инженер-механик, который изобрёл тетраэтилсвинец (ТЭС) $Pb(CH_3CH_2)_4$ для добавки его в бензин. Тетраэтилсвинёц (ТЭС) $Pb(CH_3CH_2)_4$ — ядовитое и канцерогенное металлоорганическое соединение. Применялось в основном как антидетонирующая присадка к моторному топливу, повышающая его октановое число. Бензин с присадкой тетраэтилсвинца называется этилированным бензином.



Этилированный бензин в СССР.



The most common configuration of the US6 was as a cargo and troop transport.



Another common version of the US6 was a tanker for water and fuel.

The Soviets turned some of their "Studebakers" into BM-13N Katyusha rocket batteries.



Studebaker also built a modified US6 in tractor form to haul semitrailers.

US6, U3 VERSION

Power: 94 hp Hercules JXD 6-cylinder inline engine with five-speed transmission and dual-range transfer case

Length: 20 feet 10 1/4 inches

Width: 7 feet 4 inches

Height: 7 feet 3 inches (basic cab)

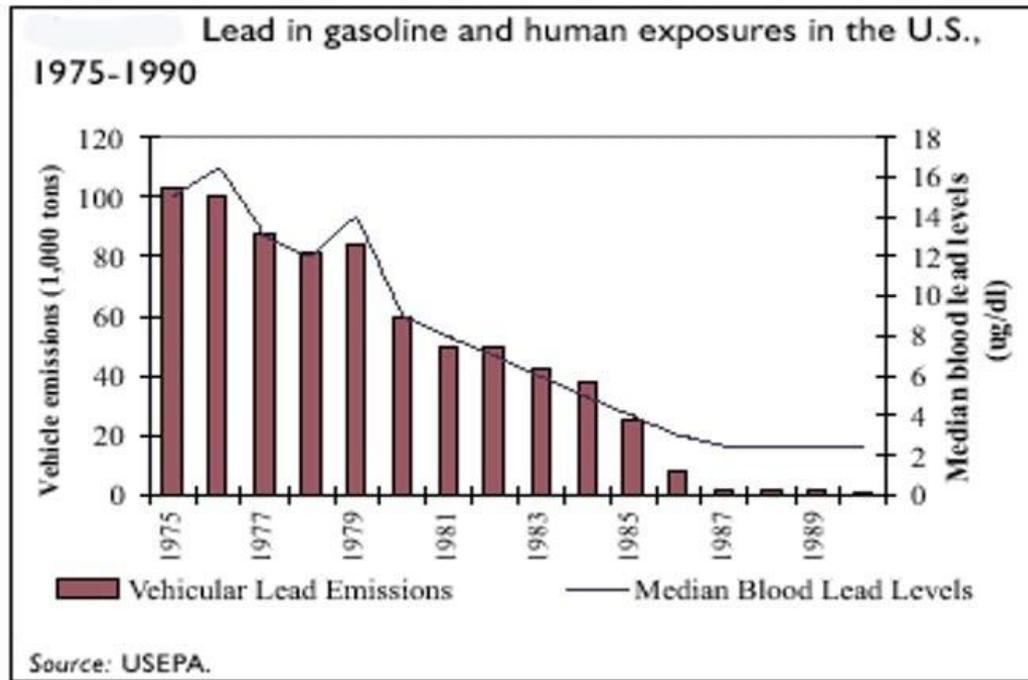
Wheelbase: 162 inches

Weight: 9,875 pounds (empty)

Fuel capacity: 40 gallons

Maximum speed: 6x4, 45 mph; 6x6, 20 mph

Соотношение свинца в крови людей к выбросам этилированного бензина.



Новостные издания критиковали Standard Oil, привлекая внимание к проблеме нового топлива статьями и карикатурами.

THE MOST TERRIBLE DESTRUCTION YET INVENTED

By **HAL COFFMAN**

JUST AS DOCTORS THOUGHT THEY HAD DISCOVERED AN ANTIDOTE FOR THE DEADLY ETHYL GAS— ANOTHER VICTIM DIES IN AGONY



THE TERRIBLE "LOONY GAS" EFFECTS THE VICTIMS DIFFERENTLY— THEY WILL BE PERFECTLY NORMAL— THEN SUDDENLY BURST INTO INSANE FURY



OTHERS HAVE HYSTERICS— WEEP— LAUGH AND MOAN



OR HAVE TO BE STRAPPED IN A STRAIT-JACKET



WHILE OTHERS— FEELING ALL RIGHT— SUDDENLY SLUMP DOWN AND DIE



THEY NOW THINK A CHEMIST WORKING AT THE BAYWAY LABORATORY WAS AFFECTED BY THE GAS WHEN HE JUMPED FROM A SIX- STORY WINDOW— KILLING HIMSELF



Chemists of the Standard Oil Company little realized what they had discovered in the deadly and horrible ethyl gas. Originally intended to mix with ordinary gasoline to help eliminate carbon from

automobiles, it has proven itself the most diabolical thing yet discovered by man. Imagine, if possible, what the NEXT WAR WILL BE LIKE

with such stuff and other gases, perhaps even worse, being dropped by airplanes over cities and wiping out MULTITUDES in an instant. Will there be other wars? Of course there will be. But for

downright fiendishness, all past wars will be like a little boy playing with his soldiers. May the time when foolish men declare it be far off.

HAL COFFMAN.

Тетраэтилсвинец сейчас.

