

FINALLY! A GASOLINE BURNS CLEAN

From the same Flying A research team that developed the first 100-octane gasoline—comes the first gasoline that burns clean. Now harmful impurities are removed to keep your engine cleaner—and help reduce air pollution.

What is a dirty-burning gasoline? According to petroleum engineers nearly all gasolines are "dirty gasolines." They leave deposits that pile up inside your engine and can cause serious damage. Rings stick. Valves burn. Spark plugs foul. As a result, power is cut down, and so is mileage. These deposits also cause incomplete combustion; unburned fuel is expelled out the exhaust system and into the air.

Why is new Flying A cleanest-burning? This significant new achievement comes from the same research team that brought the West its first 100-octane gasoline. Tidewater has given more specific study to the development of a clean-burning gasoline and invested in more advanced equipment than any other oil company. As certified by the Twining Laboratories: "The clean-burning characteristics of Flying A 100+ are definitely superior to those of all other major Western brands."

How do additives affect cleanliness? For various reasons, most gasolines contain certain chemical additives. As a side effect, however, most of these additives contribute further to the forming of harmful deposits inside an engine. Because new Flying A 100+ requires no special additives, your engine stays cleaner and keeps full power longer.

Will new Flying A help reduce smog? Authorities report that incomplete combustion in automobile engines is a major cause of smog. When combustion is incomplete, unburned fuel particles are expelled from the exhaust into the air. These are mainly hydrocarbons and oxides of nitrogen. As these chemicals are held near the ground by a blanket of warm upper air (temperature inversion), they cook in the sunlight and form smog. By reducing incomplete gasoline combustion, new Flying A 100+ is a significant step toward the elimination of air pollution.

How else does new Flying A reduce smog? In areas where air pollution is a problem, this new gasoline has been made low in volatility. This assures peak engine performance with the lowest evaporation loss of any premium gasoline. Air pollution authorities agree that gasoline evaporation is one of the prime causes of smog—so new Flying A reduces smog in this important way, too.

TIDEWATER OIL COMPANY

Flying A 100+

BURNS CLEAN...THE ONLY GASOLINE THAT DOES

