

This information confirms how our out of control global pollution can be reduced.

COMMON SENSE POLLUTION REDUCER SINCE 1990

***Enviro-Save pays for itself over & over, paying you to go GREEN.
We Guarantee positive results in reducing: air pollution, fuel & electricity consumption & earth's non-renewable resources!***

ONE TIME INVESTMENT - R.O.I. into 1000's %

Reducing Global Pollution and Electricity Consumption with Enviro-Save Metal Treatment (ES) in many ways:

ENGINES & COMPONENTS TREATED WITH ES REDUCE POLLUTION:

As per the following pages, ES characteristics and positive performance results have been very consistent in proving and confirming ES reduces air pollution and other global pollutants in many ways.

ELECTRIC MOTOR DRIVEN COMPONENTS:

Electricity consumption can easily be reduced by 10% to 15% in factories by using ES greases and ES in; drives / gear box treatment, hydraulic system treatment, all engines & all other specialized ES treatments for any application where lubricants are used in mechanical components.

Hydraulic systems that are treated benefit so much, they operate more smoothly & quieter, operating heat / temperature is reduced, safely extend oil life and one (1) application is all that is required to receive a life time of saving money by reducing electricity consumption. It is also very common to double or triple the normal operating life of hydraulic pumps, motors and components, thus reducing fossil fuel usage and earths non-renewable resources.

180 ton Kawaguchi plastic injection molding machine was treated with ES hydraulic treatment and greases, the electricity consumption was reduced by 26.49%. (page # 7 – 13 in ES binder)

Custom plastic manufacturing plant reduced hydraulic fluid operating temperatures from 95.9 degrees C to 74.8 degrees C and no sticking hydraulic or air clamps with oven system after treatments. (page 7 – 14 in ES binder)

Motor Coach manufacturer reduces electricity consumption with their shop air compressors by 15%, reduced cylinder head temperatures, reduction in noise / decibels and less accumulation of water in the air. They also use ES Air Tool Treatment and get several times more life out of air tools. They resurrected dozens of discarded garbaged air sanders with the Air Tool Treatment. (page 9 – 11 in ES binder)

Knitting Factory in China treated all the machines and equipment with ES treatments and reported smoother operation of equipment, a reduction in electricity consumption and the factory was quieter after reducing friction in all machines. We were told all employees noticed the reduction in noise level.

The savings and benefits from using Enviro-Save Metal Treatment products is endless and timeless, performance results are real and consistent since 1990.

REDUCE HARMFUL ENGINE EMISSIONS & GLOBAL POLLUTION

WITH

Enviro-Save Engine & Powertrain Protection Metal Treatment Products

Without tune-ups, Enviro-Save Metal Treatment Engine products normally reduce harmful engine exhaust emissions by 25% to 50% - plus, and greater reductions in exhaust emissions from older or high mileage engines are very common.

How does a one-time application of Enviro-Save automatically reduce emissions and pollution? By permanently reducing metal bearing wear, (proven with scientific oil sample analysis) friction and drag, reducing fuel consumption, reducing oil consumption, reducing cylinder piston ring blow-by, increasing/normalizing cylinder compression and cleaning injectors/carburetors, which all contributes to improved fuel combustion and automatically less fuel consumption. Enviro-Save enhances the performance of engine oil seals and one application normally doubles or triples life, which significantly contributes to reducing our use of nonrenewable resources and pollution in many ways.

Test results and the enclosed information supports product performance claims. Enviro-Save products are guaranteed to reduce wear and friction in all lubricated mechanical components. This fact is easily proven by utilizing a before and after treatment scientific oil sample analysis program. The Canadian Federal Government's "Consumer Protection Branch" is very aggressive when it comes to monitoring manufacturer's product performance and advertising claims. After reviewing Enviro-Save's performance results, the Consumer Protection Branch stated they do not have any concerns whatsoever regarding our advertising claims.

Friction causes wear and friction robs energy, fuels or electricity, which increases pollution. Enviro-Save reduces frictional horsepower loss in all lubricated mechanical components such as engines, gear boxes, differentials, hydraulics etc. We prove and guarantee Enviro-Save will reduce metal wear rates, thus reducing friction and energy consumption. When the increase in available horsepower after Enviro-Save is not used, then a reduction in fuel or electricity consumption is automatic. Once a reduction in engine fuel consumption is confirmed, then harmful exhaust emissions have been automatically reduced and the following explains how multiple reductions in pollution occur after using Enviro-Save.

Every type and configuration of lubricated mechanical components benefit from being treated with Enviro-Save. It is a fact that all bearing surfaces on earth are rough (when viewed through a microscope), and a single treatment of Enviro-Save always makes the bearing surfaces (asperity) smoother, which automatically reduces friction and wear. A 50% plus average reduction in the rate of metal bearing wear is very common and normally doubles or triples component life.

The following information is more technically detailed in regards to reducing harmful exhaust emissions with Enviro-Save in all internal combustion engines and explains other factors that aid in the reduction of emissions and global pollution.

INCREASED / NORMALIZED COMPRESSION - more power & fuel mileage:

Enviro-Save Engine Treatments thoroughly clean engines internally and the cleansing of the piston ring lands (grooves) and all the piston rings is extremely important so the piston rings can be free from sticking and function properly. Sticky, stuck or frozen piston rings reduces cylinder compression, very common in high mileage or poorly maintained engines, which induces the build-up and deposits of carbon, lacquer and varnish etc. Enviro-Save's proprietary mixture of cleaners remove these deposits and then the Enviro-Save resin becomes impregnated into the rough surface asperity of all mating bearing surfaces of piston rings and ring lands. The impregnation of the Enviro-Save resin prevents the build-up of deposits indefinitely. (We have a V8 Dodge gas engine with 840,000 original kilometers on the engine and none of the piston rings were stuck in the ring lands, it was treated at 150,000 km's). Due to the cleansing action of the Enviro-Save Fuel Treatment, the top of the piston and cylinder head valve areas are cleansed of carbon deposits and contribute to normalizing cylinder compression. The impregnation of the Enviro-Save resin results in a smoothening of the mating bearing surfaces of the cylinder walls, ring lands and piston rings. This permanent resin impregnation improves the sealing ability of the piston rings and cylinder walls to keep the compressed air from migrating into the crankcase, thus increasing compression and enhancing the combustion of fuels so emissions are reduced, with more power. When engine cylinder compression readings vary substantially from one cylinder to another, it is very common for the lowest to increase to the highest after Enviro-Save, and common for cylinder compressions to return to new specifications. When all cylinder compression readings are down across all cylinders, it is normally fact that all piston rings have been damaged by excessive overheating or have been dusted by inadequate air intake filtration. Sometimes when all readings are low it can be caused by extremely poor maintenance with excessive mileage between oil changes, then Enviro-Save will make a positive difference.

REDUCED OIL CONSUMPTION & BLOW-BY - less pollution & more power:

The above explanation of how Enviro-Save improves the performance of the piston rings and cylinder wall function is also directly related to the reduction of blow-by in the compression chamber. An untreated cylinder wall and mating piston ring surfaces are both rough when viewed through a microscope and this roughness permits compressed air to migrate down into the crankcase of the engine, which is called blow-by and blow-by reduces compression and the complete combustion of fuels. The same rough surfaces also contribute to oil consumption by allowing oil to get by the piston rings, causing the oil to burn and increase exhaust emissions. When hot oil migrates by the piston rings it eventually causes the rings to stick prematurely in the piston ring lands and contributes to the increase in varnish, lacquer and carbon build-up.

Enviro-Save treated engine cylinder walls and piston rings are smoother, creating a better air seal and therefore reduce blow-by and enable the piston rings to keep the crankcase oil down in the crankcase, thus reducing oil consumption and exhaust emissions.

OIL SEAL PERFORMANCE - less pollution, loss of oil & save money:

An engine's internal exhaust and air intake valve seals are designed to prevent hot circulating engine oil from migrating down the valve stems into the combustion chamber. When engine oil enters the combustion chamber it is burned, contributing to an increase in exhaust emissions and interfering with the complete combustion of fuels. As previously stated, the burning of oil causes varnish, lacquer and carbon build-up in the compression chamber and contributes to piston rings sticking in the ring lands. When an engine has been shut down for a considerable amount of time and a temporary puff or cloud of blue smoke escapes from the exhaust pipe when the engine is restarted, it is an indication that the internal valve stem seals are not preventing engine oil from migrating down the valve stems and into the combustion chamber. Enviro-Save Engine Treatments clean and are noted to soften seals and the Enviro-Save resin smoothens the surface asperity of the valve stems and seals, enhancing the ability of the oil seals to control oil flow. The above treatment benefits also enhance other engine oil seals to perform properly, preventing engine oil from leaking out and polluting the earth. Increasing oil change intervals is an excellent method to reduce global oil consumption and scientific oil sample analysis confirm it can be safe to double oil life. Huge volumes of oils are prematurely discarded and after Enviro-Save most customers report their oils remains cleaner much longer and it's not necessary to add oil between oil changes.

CLEANER FUEL INJECTORS OR CARBURATORS & ENGINE CYLINDER TOP-END - less pollution, less fuel & longer life:

In order to achieve optimum engine efficiency and performance it is extremely important that the fuel injectors or carburetors and the combustion chamber of engines (valves, top of piston & cylinder head) are kept clean. Many of today's fuels are not high grade, which contribute to fouling and or inhibiting peak performance of fuel injectors or carburetors. A combination of the above negatively effects fuel consumption, performance and contributes to an increase in harmful exhaust emissions. All Enviro-Save Engine Treatments (diesel or gas) come with a proprietary formulation for the Fuel Tank/Fuel System/Top-end, which is designed to thoroughly clean and protect injectors, carburetors and engine cylinder top-end. Fuel pumps are also treated, which enhances performance and extends fuel pump life.

REDUCED FUEL CONSUMPTION - less pollution & save money:

The above engine information explains how a single Enviro-Save Engine Treatment will reduce fuel consumption. Treating only an engine will always reduce fuel consumption and pollution, but the ultimate method to achieve maximize annual fuel savings and reduce pollution to the maximum is to use an Enviro-Save Powertrain Protection Kit so

the friction and wear of every bearing in all components is reduced. It is common sense that you will save the most fuel by treating: engine/fuel, transmission, differentials, power-steering and when possible - wheel bearings.

When new engines are treated right after recommended break-in, the manufacturers original bearing clearances and all other new engine bearing specifications are preserved indefinitely. One application of Enviro-Save normally doubles or triples component life (scientific oil analysis reports prove wear is reduced) and saves endless dollars in fuel, repairs and replacement costs. Harmful exhaust emissions are then minimal far beyond normal component life expectancy.

The most significant and quickest noted changes after applying an Enviro-Save Engine Treatment come from older engines and/or high mileage engines, due to the normal and natural deterioration of engine compression and the piston ring performance etc., as explained above. Enviro-Save always increases fuel savings with new engines and vehicles, and the new bearing surfaces are clean and bearing clearance specifications remain far beyond normal life expectancy, or the engineered life expectancy.

Enviro-Save Engine & Powertrain Protection Treatments cannot accurately be compared with any other product making similar claims. We have never been able to obtain any indisputable before and after treatment test results and or oil analysis results from any other product that match the performance or return on investment that Enviro-Save provides. We recommend involving a Mechanical Engineer with reciprocating engine education when evaluating Enviro-Save. Enviro-Save's performance and test results are never questioned when the expertise of a Mechanical Engineer is involved in the evaluation, and we have been told by them "Enviro-Save has no competitors on the market."

Please do not hesitate to forward any questions to us regarding Enviro-Save Metal Treatment or any questions regarding any other products making similar claims.

ENVIRONMENT CANADA STATES THAT OVER 70% OF AIR POLLUTION IN CANADIAN CITIES IS DIRECTLY FROM AUTOMOBILES!

**Enviro-Save will help save our Global Environment and save consumers money.
It's not a gamble, it's Guaranteed!**

Call 604 522 8836 or info@envirosaveglobal.com