Article Side
Corrosion Inhibitors: the Difference They Can Make by Ezoilproducts

Article published on August 24th 2012 | Business

Regardless of whether your diesel engine is in a car, pick-up truck or an 18-wheeler, you want it to last as long as possible. Additionally, during its lifetime you want it to run as efficiently as possible. Getting the most out of a vehicle in terms of both longevity and fuel economy means utilizing corrosion inhibitors as part of your routine maintenance program. E-Zoil makes additives that fight corrosion under the hood as well as additives such as E-Z off that contain grease solvents and emulsifiers to protect the outside of your vehicle. There are several areas where an E-Zoil product can reduce corrosion.

Brake system

Every vehicle eventually will need new brakes; the best one can hope for is to practice good brake maintenance and forestall costly break repairs as long as possible. One-way to do this is to use your brakes as little as possible. For those who use air brakes another preventive measure is to make use of the corrosion inhibitors found in E-Zoilâ€™s Air Brake Anti-Freeze and Conditioner. This product removes moisture, from the brake system thus preventing the corrosive properties of water from damaging the brakes.

Cooling system

There are two methods to extend the life an engine and increase fuel mileage, one of which is to increase lubrication and the other is to decrease heat. One of the corrosion inhibitors E-Zoil carries is HD-500, which works as a supplemental cooling additive (SCA). Among its other advantages, HD-500 contains emulsifiers that clean metal surfaces of corrosive elements. By reducing rust and corrosion in the engine, the engine is able to run cooler. It also reduces the likelihood of cooling system failure by lubricating the water pump; a failed water pump can cause severe damage to engine if not addressed quickly. In addition to protecting the water pump and hence the engine, HD-500 enables anti-freeze to remain effective longer.

Fuel system

Obviously, anything that increases the efficiency of the fuel delivery system in a car will also increase mileage per gallon as well as power. Diesel Aid along with Clean & Lube are products from E-Zoil that prolongs the lifespan of a vehicleâ€™s fuel pump and injectors while maximizing the fuel economy and horsepower of the engine.

As one of E-Zoilâ€™s corrosion inhibitors, Diesel Aidâ€™s emulsifiers disperse the water that ultra low sul fuel (ULSF) attracts. By reducing the corrosive effects of water, it extends the life of the fuel pump and injectors. Additionally it increases fuel mileage by allowing the injectors to work unencumbered. For those less concerned over moisture accumulation from ULSF use, a lubricity and combustion improver called Clean & Lube contains emulsifiers and detergents that improve fuel economy and engine power. Moreover, Clean & Lube also works like other corrosion inhibitors in that keeping the injectors clean means corrosive material cannot have a chance to build up and cause fuel system failure.

Because oil/grease and water do not mix, emulsifiers to clean them away are necessary to allow corrosion inhibitors to do their job. E-Zoil has many products that provide protection against corrosion; their use prolongs the lifespan and efficiency of both internal and external vehicle parts.

Article Source:
http://www.articleside.com/business-articles/corrosion-inhibitors-the-difference-they-can-make.htm - Article Side

Ezoilproducts - About Author:
E-ZOIL is an industry leader in the manufacture of a Specialty Chemicals for the a Diesel Transportation and heating, ventilating, and air conditioning (HVAC) industries.. We invite you to explore our website www.ezoil.com, to learn more about the products we offer.

Article Keywords:
Specialty Chemicals,Diesel Transportation,fuel additives,fuel mileage

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!