ENVIRONMENTAL FEATURES



The 2006 HUMMER H3, equipped with a standard Vortec 3500 engine, meets the stringent Tier 2 emission standards.

Due to the onboard refueling vapor recovery (ORVR) system, over 6.25 million litres of gasoline can be saved per model year of production over the vehicles' life, eliminating up to 4.6 million kilograms of hydrocarbons from the environment.

The long-life engine coolant saves an estimated 7.6 litres of engine coolant per vehicle every five years, based on driving an average of 24,000 kilometers per year.

The Oil Life Monitoring System (OLS) can save over 4.0 million litres of oil over the expected life of one model year of production of these vehicles.

Over 15,400 tonnes of polymeric parts are now marked for recycling, making recovery of those parts easier at the vehicles' end-of-life. This initiative greatly increases the potential for landfill avoidance.

The rear bumper step pad is molded in color and therefore does not require painting, saving 29,750 litres of paint per model year. Additionally, this results in a reduction of airborne and waste emissions to the environment.

An improvement in design of the A/C system allows the amount of R-134a refrigerant to be reduced by 45 grams per vehicle, as evaluated with a comparable system, saving over 4,535 kilograms of refrigerant each model year.

These Environmental Features apply only to the 2006 HUMMER H3.





SHREVEPORT, LOUISIANA OPERATIONS ENVIRONMENTAL FEATURES











Our Shreveport Facility

- The HUMMER H3 is built at the Shreveport Operations.
- Shreveport Operations has received the following honors:
- Governor's Environmental Leadership Awards in 1998, 2000, 2002 and 2004.
- EPA's Environmental Excellence Award in 1999.
- Clean Business awards from Shreveport Green 1996 and 1998.
- Partnership Award for Environmental Education in 2002.
- Achieved ISO 14001 Environmental Management System (EMS) certification, which is an international voluntary set of environmental standards, in December of 2001.

Process

- Conversion to a lead-free dip primer in 2001 eliminated a hazardous waste stream.
- Use of powder paint for the second primer coat reduced solvent air emissions by approximately 90 tonnes per year.

 Use gas produced from a nearby landfill to reduce impact on our natural resources.
 This alternative fuel has reduced traditional natural gas usage for the facilities boilers by over 42%.

We Recycle

- In the last five years, 2000-2004, we've recycled 6800 tonnes of cardboard, 6350 tonnes of wood pallets, and 7260 tonnes of scrap metal.
 These recycling efforts conserved over 246,000 trees.
- Waste Prevention/Recycling/Reuse efforts at the Shreveport Operations have prevented 93 million kilograms of CO₂ equivalent emissions from entering the environment.
- Over 90 percent of the parts for the HUMMER H3 are received in returnable containers.
- We reduced aerosol can usage over 50% through product substitution.

Our People

 GM Shreveport is an active participant in the local community. The plant's environmental engineers act as mentors to over 600 middle school children from the area and assist with teacher training each year. They learn about watersheds and how to keep our rivers and streams clean.

- We are active participants in the planning of the household hazardous waste collection and recycling days in our community.
- We serve on state and local Boards and Commissions such as the Governor's Task Force, Clean Cities Initiative, Environmental Leadership Program, and EPA's National Partnership for Environmental Priorities.
- David Burroughs and Dallas Geisler are Environmental Engineers at Shreveport Assembly. Their goal is to protect human health and the environment in the Shreveport community in their day-to-day activities. Their work includes monitoring the emission control equipment, waste management, wastewater discharges, and assisting with construction projects to assure that environmental considerations are incorporated into plant and equipment designs.



Owners of General Motors HUMMER vehicles are familiar with the company's legacy of environmental and off-highway stewardship.

We share a common goal of protecting the great outdoors through education, and support the Tread Lightly! Pledge:

Travel and recreate with minimum impact

Respect the environment and the rights of others

Educate yourself, plan and prepare before you go

Allow for future use of the outdoors, leave it better that you found it

Discover the rewards of responsible recreation

In short, GM measures its environmental progress in three areas: products, plants and partnerships. The HUMMER H3 we offer today is among the most recyclable vehicles manufactured. The Shreveport Operations facility boasts an exemplary environmental record. Furthermore, HUMMER's partnership with Tread Lightly! speaks for itself — the HUMMER team is proud to support Tread Lightly! and our partnership to promote responsible and safe four-wheeling.

HUMMER





Visit us at: www.gmability.com to learn more about GM's products, plants and partnerships.