

## INFORMATION FOR RELEASE:

### **Earth Day News: Truckers Take One Large Step Toward Cleaner Air Emissions Reducing Diesel Exhaust Fluid Supply Stream is Stocked & Ready**

*Leading DEF Producers, Distributors and Dispensing Equipment Manufacturers Set to Deliver Storage, Transport, Bulk and Packaged Supplies of DEF for 2010 Vehicle SCR Technologies*

**GREENSBORO, N.C., April 2010** – One month prior to Earth Day celebrations, leading diesel exhaust fluid (DEF) infrastructure suppliers, including DEF producers, distributors and dispensing equipment manufacturers, joined forces to showcase clean air enabling DEF supplies and support services at the Mid-America Truck Show (MATS) as part of an educational display for truckers. These supplies of DEF will be used in new clean diesel passenger and commercial vehicles that will be equipped with selective catalytic reduction emissions control technology.

Selective catalytic reduction, better known as SCR, is the first emissions technology that is proven to be as good for business as it is for the environment, and is the only emissions control solution proven to meet the 2010 emissions control standards set by the Environmental Protection Agency (EPA) – the most stringent in the world – without the use of credits.

In addition to reducing nitrogen oxides (NOx) and particulate matter emissions to near-zero levels, extensive testing by truck and engine manufacturers' shows SCR provides an up to five percent fuel economy improvement while also reducing levels of CO2 by five percent. For truckers, SCR usage results in increased uptime due to the need for fewer active regenerations of the engine.

The DEF for 2010 educational exhibit featured two new 2010 Freightliner Cascadia trucks equipped with Detroit Diesel engines and BlueTec® SCR technology.

Brenntag North America, one of the exhibit sponsors, and Meijer, a Grand Rapids, Michigan, based retailer that operates 191 supercenters throughout Michigan, Ohio, Indiana, Illinois, and Kentucky, were among the first to receive new 2010 production trucks from Freightliner. Brenntag's Green Truck Blue Ski condo cab is equipped with the Detroit Diesel DD15™ engine and the Meijer day cab is equipped with the DD13™ engine. Both employ the Detroit Diesel BlueTec emissions system.

When compared to an average EPA 2007 truck and over an average vehicle lifetime of one million miles, the new, clean emissions 2010 Freightliner Cascadia with the DD13 engine and BlueTec will:

- Reduce fuel consumption by nearly 11,500 gallons of diesel fuel per truck
- Reduce fleet fuel costs by nearly \$30,000 per truck
- Reduce CO2 emissions by 124 U.S. tons per truck
- Reduce NOx emissions to near-zero – eliminating approximately seven U.S. tons per truck

A typical U.S. 2010 fleet of 100 Cascadia trucks will reduce fuel consumption by 1.15 million gallons of diesel fuel and reduce fuel costs by \$3 million over the lifetime of those trucks as compared to less advanced technology. Thanks to their fuel efficiency, this same Cascadia fleet will reduce CO<sub>2</sub> by 12,400 U.S. tons while virtually eliminating 700 U.S. tons of smog-creating NO<sub>x</sub> from the air we breathe.

Coordinated by FactsAboutSCR.com on behalf of the North American SCR Stakeholders Group, the exhibit was sponsored by 10 companies involved in supplying DEF, including:

- **Airgas, Inc.** – marketing diesel exhaust fluid through Airgas Specialty Products under the brand named AiRx™. Airgas Specialty Products is the nation's largest distributor of industrial nitrogen products and have been reducing nitrogen oxide since the 1980s. Airgas, Inc., with the 19<sup>th</sup> largest fleet in the US, is the largest U.S. distributor of industrial, medical, and specialty gases, and welding, safety, and related products. Airgas is a reliable, time-tested brand with the expertise and fleet experience it takes to truly understand the all that DEF demands.
- **Aucterus LLC** – marketing diesel exhaust fluid under the brand named NOxBlue™. Aucterus is the newest division of Omni Agri Trade Group and manufactures, markets and sells API certified Diesel Exhaust Fluid(DEF) as NOxBlue throughout the US. It has operations at key locations across North America to service the emerging new diesel engine transportation market and continues to seek special partners to develop business further. As a full service company, Aucterus offers a complete line of DEF containers from 2.5 Gl to 275/330 Gl IBC's, extensive supporting dispensing hardware, storage and tanking systems for retail and non-retail applications with capabilities of delivering in bulk tankers.
- **Balcrank** – offering a wide range of diesel exhaust fluid dispensing products, including pumps, hose reels, meters, electronic controls and complete ready-to-deploy systems.
- **Brenntag North America** – a major supplier of diesel exhaust fluid. Brenntag is the world's leading chemical distributor with over 100 locations in the U.S. and Canada. Brenntag was one of the first companies in the country, and among the first DEF distributors to add an EPA compliant truck to their fleet – a new Freightliner Cascadia™ SCR tractor equipped with a Detroit Diesel DD15 engine and BlueTec™ emissions technology.
- **Colder Products Company** – the leading worldwide provider of quick disconnect couplings for industrial, life sciences and chemical handling markets. Colders DrumQuik PRO allows pumping systems to easily be connected to drums and IBCs containing DEF in both single use and reusable installations, providing a very low cost closed and reliable dispensing solution.
- **KOST USA** – marketing diesel exhaust fluid under the brand name **DEFendal**™. KOST USA is a glycol-based technology company and manufacturer of diesel exhaust fluid, as well as a full line of coolant and antifreeze products under the DefendAL™ name. Additionally, KOST USA manufactures specialty chemicals, heat transfer fluids, and lubricants.
- **Mauser Corp** – offering plastic drums and composite IBC's. Mauser Corp operates 12 plants in North America and is the largest provider of fiber drums, recollection, recycling, remanufacturing and reconditioning services and is a unit of Mauser Group, a global leader in industrial packaging.

- **SPATCO DEF Dispensing Systems** – Providing DEF Dispensing Systems for commercial and private fleets, municipalities, school and city bus garages, trucking companies, and retail truck stops. SPATCO™ DEF installed North America's first fuel island bulk DEF systems at Pilot Travel Centers and offers the industry's first secondary containment feature to their tote storage enclosure system. SPATCO™ DEF is headquartered in Charlotte, N.C. and has distributors through out the U.S. and Canada.
- **Terra Environmental Technologies (TET)** – offering diesel exhaust fluid under the brand named TerraCair®. TET is a leading North America DEF producer and has developed a complete supply chain solution that includes manufacturing and distributing the product, recommending DEF-compatible dispensing equipment, offering financing options and providing field services and employee training.
- **Yara** – offering a complete diesel exhaust fluid solution under the global brand name Air1®. Yara is a leading DEF producer and is selling Air1® product to the major truckstop chains, North American commercial fleets, government entities, marine and industrial clients. As a market pioneer (one of the developers of the ISO 22241 product specs) Air1® understands customer needs at each stage of the market development and is a preferred partner of major oil producers and OEMs in the USA and around the world. Air1® has reliable nationwide reach and a multi-sourcing model based on domestic production and back up of imports from the world's largest production capacity.

The exhibit also marked the launch of a new online DEF locator, [www.discoverDEF.com](http://www.discoverDEF.com). The new locator will provide DEF supply and availability information to drivers anytime and anywhere they are in North America and is free to users. [www.discoverDEF.com](http://www.discoverDEF.com) will help drivers quickly find a supply of API-certified DEF at a location to suit them, either at a truck stop, OEM dealership, retail outlet or through a fleet terminal supplier. The website is easy to find and intuitive to use, and was designed with truckers in mind.

The exhibit of SCR-related and DEF packaging and dispensing products was coordinated by FactsAboutSCR.com, an online SCR information resource developed on behalf of the North American SCR Stakeholders Group by Quixote Group, a strategic market research and marketing communications firm located in Greensboro, North Carolina.

The North American SCR Stakeholders Group is a nationwide, cross-functional industry effort among more than 300 companies and government agencies focused on increasing fuel efficiency and reducing harmful emissions through the support and rollout of SCR technology. Participants include government agencies, automotive and heavy-duty engine and truck manufacturers and trade associations, fuel retailers and truck stop trade associations, chemical and oil companies, diesel exhaust fluid producers, distributors and dispensing equipment manufacturers.

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