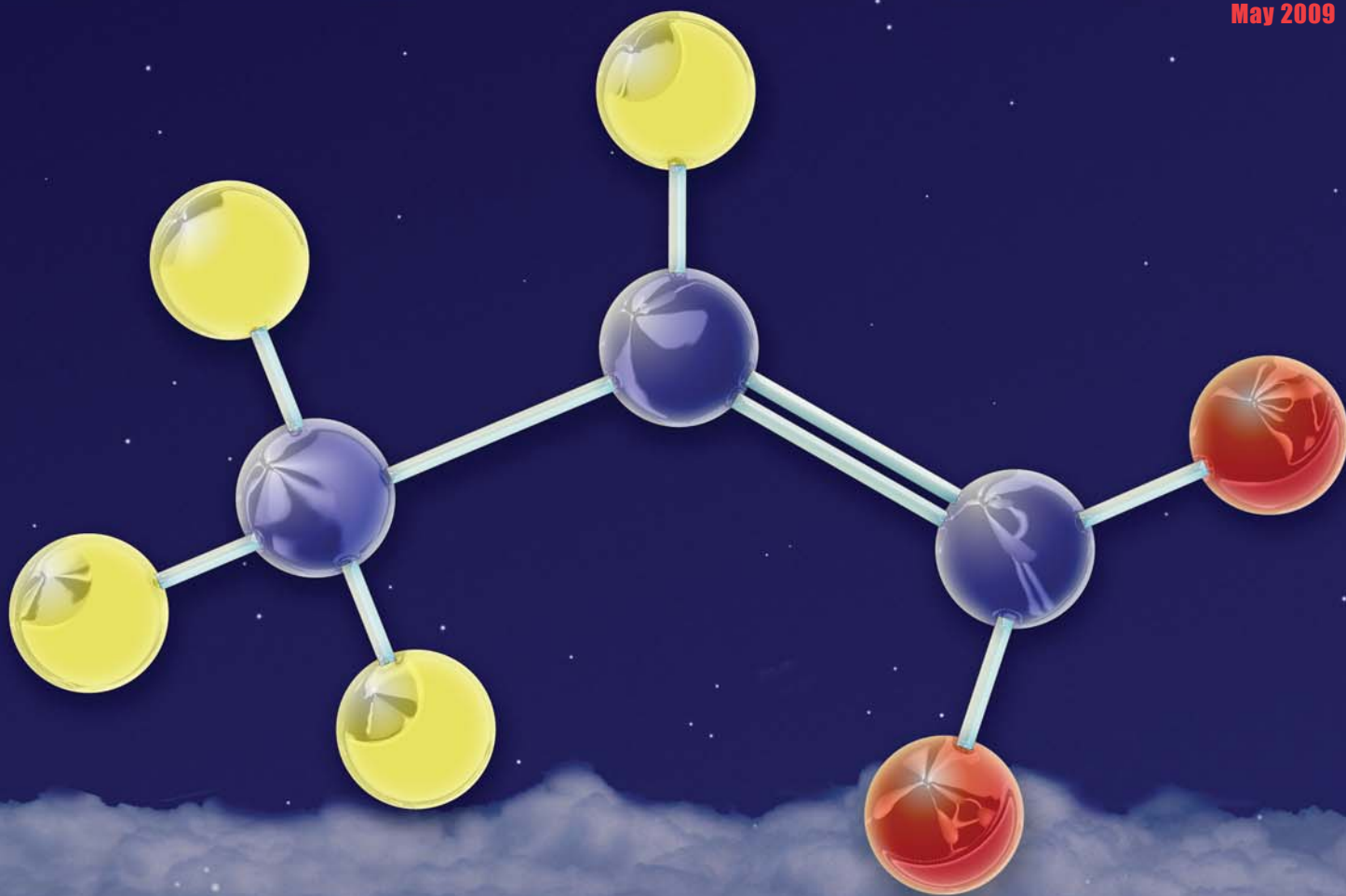


AC ACTION

FOR THE AUTOMOTIVE AIR CONDITIONING AND COOLING SYSTEM PROFESSIONAL

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2009 MACS TRADE SHOW REVIEW

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Figure 6: Newest SAE J2788 recovery, recycle and recharge machine was exhibited by Mastercool.

protect the motor windings and maintain high resistance in the refrigeration circuit in case of high-voltage leakage from the motor to the compressor body. That high-voltage fault could pose a danger to technicians.

Machines that will be certified to this new standard will not have built-in oil injection. And they will have to pass testing that shows that servicing both conventional systems with PAG oil and hybrids with POE can't contaminate the POE with PAG oil to an extent that significantly affects the resistivity of the high-voltage system.

At this time it appears that EPA will not allow retrofit of existing SAE J2788 machines to the "H" standard.

Mobile A/C service

Texas Truck A/C is a large wholesale parts distributor with a service and A/C installation center. But the linchpin of the company is its fleet of six Ford F-450 trucks, each equipped ready to do "anything A/C" on heavy-duty trucks and off-road equipment at the customer's site. Long-time readers may remember the article on Texas Truck A/C [ACTION, July-August 2006], but attendees at the 2009 MACS Trade Show got to see their ready-to-roll F-450 "in the metal." (FIG. 7)

On the wide rails of the bed are a 13-horse air compressor and a Miller Bobcat 225 welder-generator. Built into the



Figure 7: With its on-board welder (left), shop-sized air compressor and plenty of side storage compartments, Texas Truck A/C's custom Ford F-450 is ready for almost repair in the field. The ladder often provides access to components on large off-road vehicles.

sides of the body are compartments that hold A/C compressors, fan blades and motors, receiver-dryers, plus belts, fittings, a bubble crimper, recovery machine, and a complete tool chest. The trucks serve the north central Texas area near Dallas, where there's 220 days of sunshine average per year.

Sure, the MACS Trade Show is the place to see all the new tools and service kits. But it's also a buy-and-sell parts show, and more than 100 exhibitors covered the needs of the aftermarket with everything from radiators and heaters, HVAC cases, electronic modules, fan and blower motors, condensers, compressors, evaporators, expansion valves, and refrigerant lines to components for vintage cars, and all the seals and fittings to make connections. If you were there, the next time you need something, you'll probably have the supplier's phone number on your speed dial. You weren't there? If your competitors were, you've got some catching up to do. ✱

Learn more about these new products from the manufacturers:

Robinair: www.robinair.com,

Tracer Products: www.tracerproducts.com

Techno Tools: www.techno-tools.com,

Ritchie Engineering/Yellow Jacket:

www.yellowjacket.com

Airsept: www.airsept.com

UView: www.uview.com

CPS Products: www.cpsproducts.com

Mastercool: www.mastercool.com

Texas Truck A/C: www.texasruckac.com