



Deere combine before Color Back treatment



Combine after treatment

## “Color Back” Paint Renewer

Color Back has been putting smiles on customers’ faces for over 25 years.

The clear acrylic liquid, with special chemicals and UV inhibitors, is sprayed on to bring faded paint back to its original color tone and luster and shine. No rubbing or polishing is required. And Color Back lasts for years!

It is pliable, so it can be sprayed over belts, hoses, rubber moldings and most any equipment item but glass. It also rejuvenates faded decals.

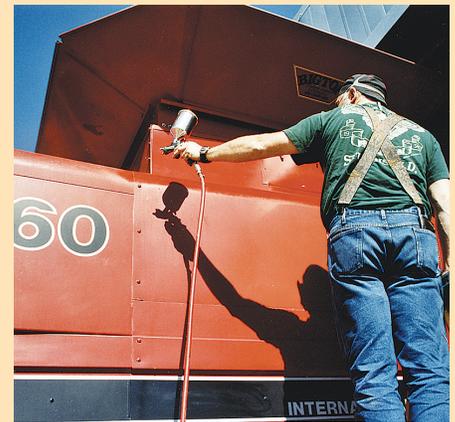
Color Back comes in aerosol cans, quarts, or gallons, and is shipped via

UPS ground. A gallon will do the average size, self-propelled combine, or four wheel drive tractor.

Color Back is used throughout North America by implement dealers, farmers, industrial dealers and individual equipment owners.

Contact: Apollo Sales & Service, Inc., P.O. Box 1113, Bismarck, N.Dak. 58502-1113 (ph 800-283-4521; apollo-sales@midconetwork.com). In USA and Canada call for dealers in your area.

Reader Inquiry No. 118



Cledus Wiedrich is getting dad’s equipment ready for his retirement auction.

## Deere 5020 Repowered With Detroit V-12 Diesel

“I bought a well used Deere 5020 tractor at an auction with a locked-up engine. It sat around for about a year before I decided to replace it with a Detroit V-12 diesel engine with about 450 hp,” says David Will, Wadesville, Ind.

The tractor rides on 20.8 by 38 radial dual tires filled with fluid on back and on 20-in. tall, 22-ply truck tires on front. It weighs about 22,000 lbs. Will installed air cleaners out of a Freightliner semi truck on both sides of the tractor and also added a pair of 5-in. chrome stacks off a Peterbilt semi truck. A pair of gear-driven blowers force air into the engine.

“I use it to pull a 30-ft. field cultivator. It’s a lot of fun to drive,” says Will. “It’s really loud - you can hear it 2 to 3 miles away when I’m using it in the field.”

He found the V-12 diesel engine in Illinois. “It had come out of a Manitowoc dragline in a Kentucky coal mine, where it was used to mine hundreds of thousands of tons of coal. But the engine was locked up due to spun main bearings. I sent the bare block to Republic Diesel in Louisville, Ky., to have it line-bored. They also bored out

every cylinder hole to install oversize sleeves.”

The entire winter of 2013 was devoted to assembling the engine and then installing it in the tractor. It has about 450 hp. “It now pulls anything I hook on behind it and is quite competitive at local tractor pulls,” says Will.

He cut the frame in 2 and welded in new material to

lengthen the tractor by 15 in. “I added part of the frame off a Deere 4840 underneath to strengthen the frame so that it wouldn’t break the flywheel housing,” says Will. “The 4840 frame is bolted to the the 5020 frame and also to the tractor’s planetary housing.

“It was a lot of work, but I’m pleased with how it turned out,” says Will. “I spent about



David Will replaced the locked-up engine on his Deere 5020 tractor with a Detroit V-12 diesel engine with about 450 hp. “I use it to pull a 30-ft. field cultivator. It’s really loud,” says Will.

\$10,000 just to rebuild the engine. I also added two big 12-volt batteries hooked in series to provide 24 volts to start the engine.”

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