

CUMMINS KT-2300
ENGINE TEAR-DOWN January 1995

The photographs on this and the following pages are of a Twelve Cylinder CUMMINS KT - 2300 Engine out of a L-800 Marathon LaTourneau 15-Yard front-end loader. The engine at tear-down had approximately 14,000 hours and had been run on "FEROX" treated fuel for only 900 hours. The first photograph is of the combustion surfaces as they appeared when removed. Please notice the absence of hard black carbon.



The photograph below is of the same combustion surfaces after they were wiped with a "dry" shop cloth. The result shows bare metal with no hard carbon.



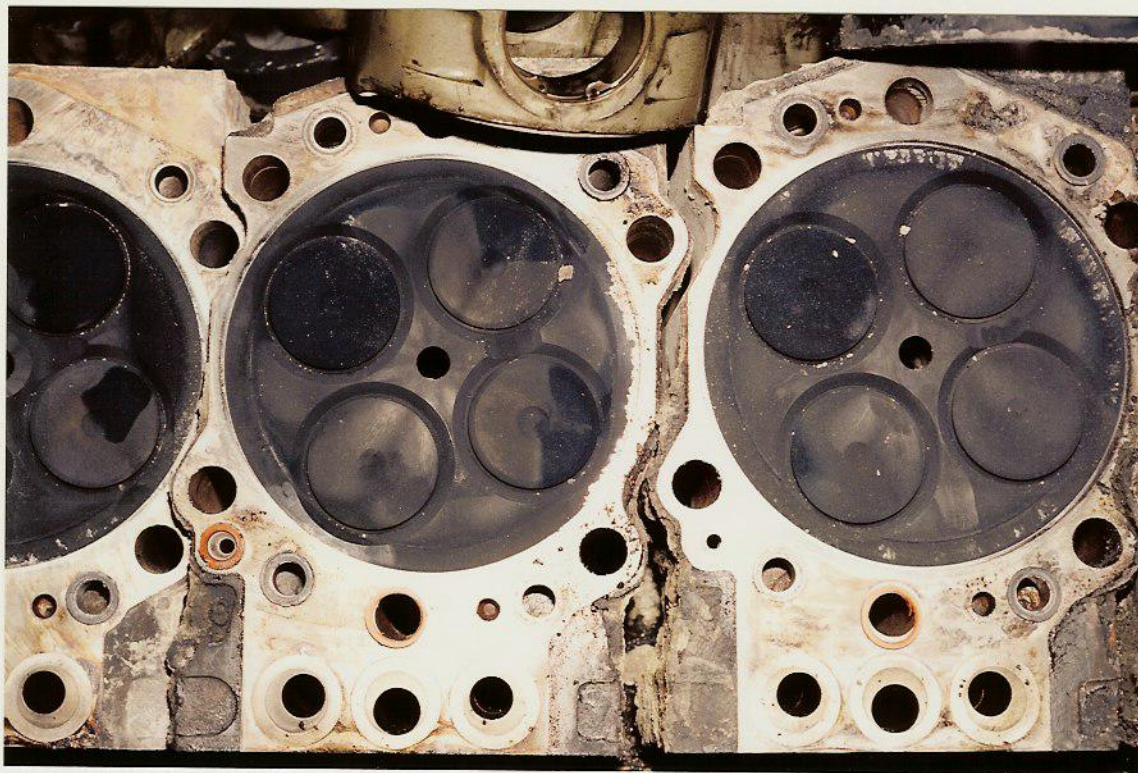
The photograph below is of six injectors from the same CUMMINS KT-2300 and shows how "FEROX" prevents carbon formation.



The last photograph of this series is a close-up of three of the injectors pictured above. Notice the cleanliness of the tips.



The photograph below is a close-up of two of the cylinder combustion surfaces as they appeared after tear-down.



The photograph below is of the same two combustion surfaces after they were wiped with a "dry" shop cloth. As you can see there is no "hard carbon".

