FLORIDA CRUSHED STONE ENGINE TEAR-DOWN April 29, 1993

The following photographs are of a 3408 CAT V-8 with 13,788 hours. Please notice the absence of hard carbon deposits on the three combustion surfaces on the left side. The combustion surface on the extreme right was the reason for the engine failure - a broken piston ring.

The remaining photographs on the following pages are of the same engine. You will notice the same absence of hard carbon deposits on all of the engine components.





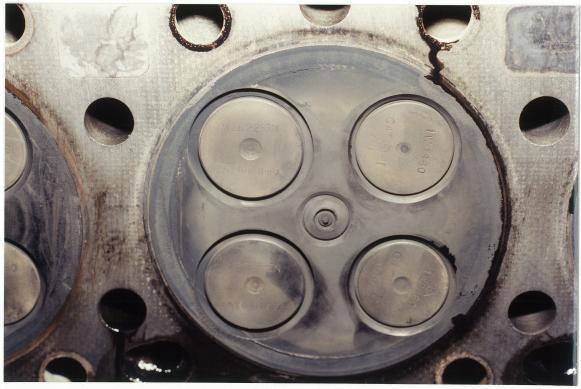
The photograph above is of a piston from the same 3408 Cat V-8. It too wiped clean with just a few passes with a shop cloth.



The photograph above is of the exhaust valves. There is also an absence of hard carbon on the stems.



The photograph above is a close-up of one of the cylinder combustion surfaces as it appeared after removal.



The photograph above is the same combustion surface. The valves were wiped with a shop cloth. As can be seen the part numbers are easily legible.