

Cummins QSK19, Unit G20 Borescope report.

Overall the cylinders look to be in very good condition. Please look at the following pictures and descriptions.



Cylinder #1 piston crown and liner.



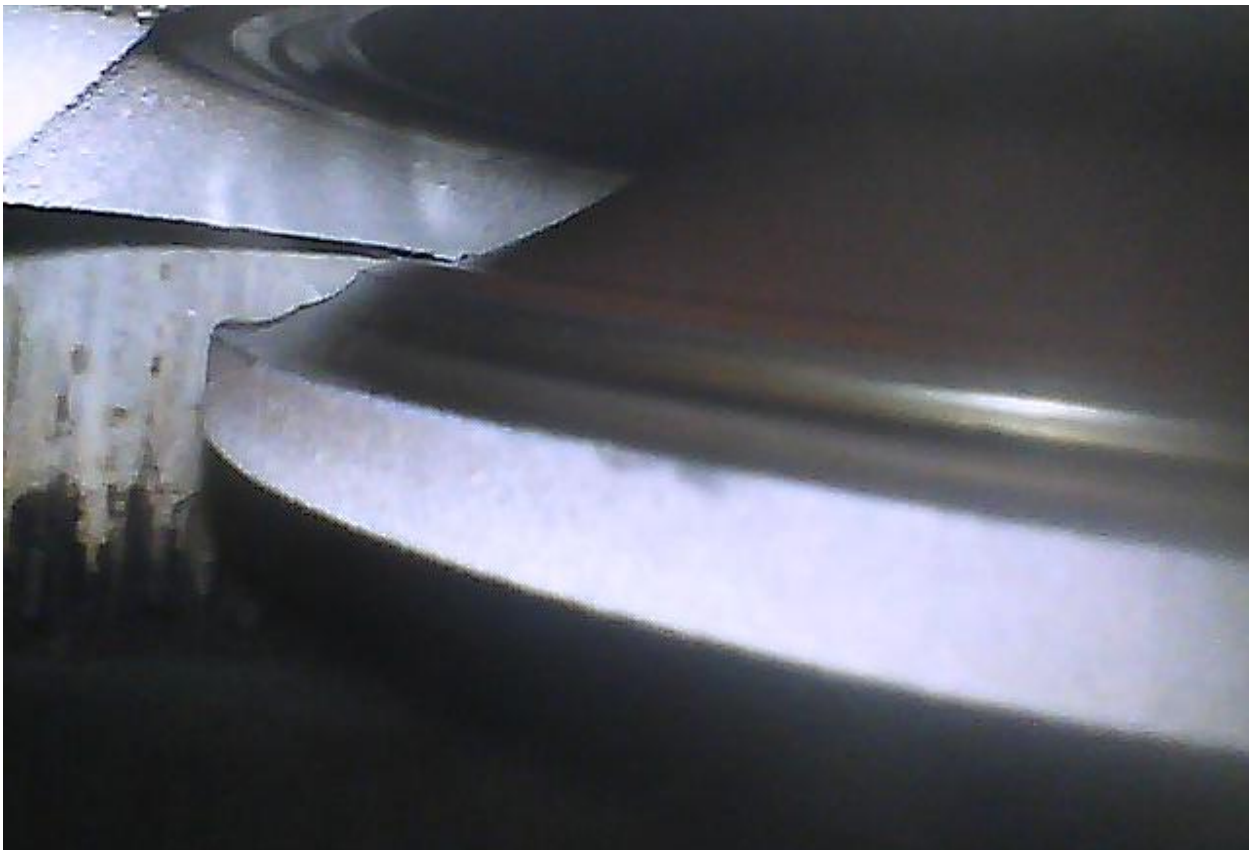
Cylinder #1 liner around the mid point of piston travel.

The next set of pictures show a few different valves, both intake and exhaust, from 3 different cylinders on the engine. These are very representative of all the valves except for one.





The next valve is an exhaust valve (one of the 2) that shows some recession and wear on both the valve face and seat. This is the only suspect valve in the engine.



Summary; The engine is good shape, especially for the hours on it. The only possible recommendation is replace cylinder #6 head. But it likely run as is for sometime yet. The only part missing off this engine are batteries and the spark plug wires, everything else appears to be there.

Unit G10

Cylinder #2 piston and liner





The next set of pictures show a few different valves, both intake and exhaust, from 3 different cylinders on the engine. These are very representative of all the valves except for one set.



The next picture is on the cylinder #5 exhaust valves showing some slight recession



This shows cylinder #1 at about mid travel. It's kinda hard to see but the little flecks on the wall are surface rust that have been scraped off by the piston rings as we rotated the engine by hand.



This is no cause for concern, it will run just fine.

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