Possible new regen strategy on GHG 17

 Mic Loschuk 27 posts since Nov 19, 2014

Possible new regen strategy on GHG 17 Aug 29, 2020 11:18 PM

On GHG 17 units on multiple vins (KU6616, JX9294, JC3285, ETC), have been noticing during SCR eff test units are only running 1 box temps (DOC in, DPF out, SCR in and out) of around 800 deg F, i know for regens i am usto seeing over 1000 deg F and i though for SCR eff i was seeing the same. Curious if any one has seen or herd of any possible changed to the regen strategies since the mass recall (D20M8) in where we update the ACM software and fuel map. Starting to think this is now normal operation for this units during a SCR test? Not the best example for log but have uploaded an example.

Thanks for your input

Mic

- SCREffAftDOCInTempReplace.DrumrollLog 4.8 MB

 Steve Reppard *87 posts since Jun 29, 2020*

Re: Possible new regen strategy on GHG 17 Aug 31, 2020 10:42 AM

SCR performance test has always ran at lower temps than HIR due to not dosing fuel . Recall has not changed atd temps during HIR or SCR performance test.

 Scott Trippel *3,902 posts since Dec 13, 2014*

Re: Possible new regen strategy on GHG 17 Aug 31, 2020 4:49 PM

I agree with Steve Reppard

 Mic Loschuk *27 posts since Nov 19, 2014*

Re: Possible new regen strategy on GHG 17 Sep 3, 2020 9:55 PM

Is there a reason they only run 800 deg F during SCR not full ATD temps?

 Steve Reppard *87 posts since Jun 29, 2020*

Re: Possible new regen strategy on GHG 17 Sep 4, 2020 9:24 AM

It's more about not dosing fuel during scr performance test. The engine can produce the temps needed by thermal management to run performance test without dosing fuel. The test is checking the health of the scr system only, dosing fuel could possibly give false reading of degrading scr system. Example: issue with dpf's that are breached could cause low nox conversion readings but scr system itself is actually ok. This is my thoughts on this anyways.

 Scott Trippel *3,902 posts since Dec 13, 2014*

Re: Possible new regen strategy on GHG 17 Sep 4, 2020 1:38 PM

Great explanation Steve Reppard