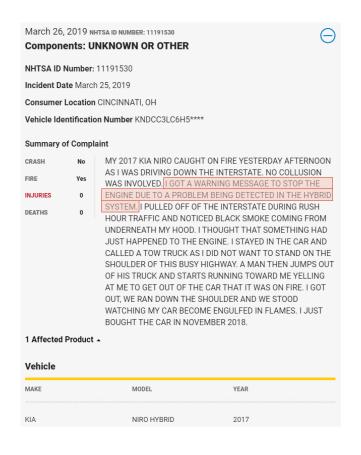


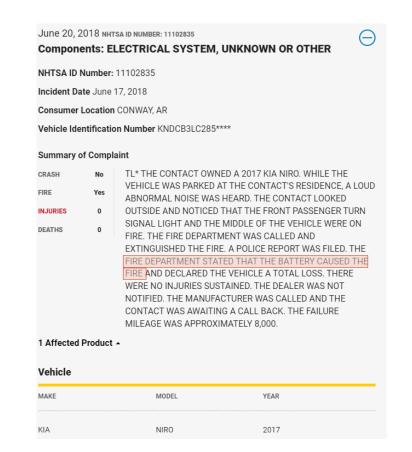
Examples of HEV fires

A. Eddarir, N. Lebedeva

3rd SIG TP meeting, March 12-14, 2024 Aachen, Germany

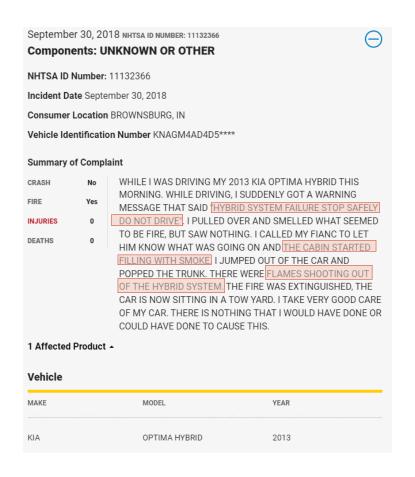
KIA NIRO hybrid, class: HEV (1.32 kWh)







KIA OPTIMA hybrid, class: HEV (1.4 kWh)



- There are many cases of fires of HEVs from various manufacturers during the past 10 years with still unknown root cause, under investigation by NHTSA
- Many of the owners indicate quick, life-threatening events
- Examples shown in this presentation relate to hybrid system and battery failure
- JRC's view is that testing of HEV REESS for thermal propagation is essential to ensure safety of the occupants.



Thank you



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