

11/4/20—Grand Design RV informs THOR Ind. of three incidents involving Winntec Model 6020 regulators, where the regulators were suspected as the cause of fires. The Thor companies reviewed the issue internally and found no issues with these regulators at that time.

12/4/20—KZ RV informs THOR Ind. of two issues under investigation with the same suspect regulators.

12/22/20—Grand Design performs lab analysis on two failed regulators and finds they contain an oily substance inside. There is a belief that the oily substance is machining oil from a manufacturing process.

2/24/21—Grand Design informs THOR Ind. they are investigating several more fires, and will be sending regulators from those incidents for lab inspection.

3/16/21—Lab analysis performed on six regulators from Grand Design, including one exemplar and one from KZ RV. In the lab setting, the KZ RV regulator operated within allowable parameters, although it contained the same oily residue seen on the field samples.

4/19/21—THOR Ind. engages Exponent Engineering to conduct analysis of regulators to determine source of oily substance.

5/12/21—Exponent provides written report/presentation on regulator analysis.

5/14/21—Meeting held with Grand Design, Dehco, Winnspec International, and Chen Fong to discuss regulator issue. Winnspec given until May 18, to return information regarding issues with their regulators.

5/21/21—THOR Ind. Discussed regulator issue with the Medium Heavy Duty ODI office.

5/24/21 & 5/25/21 - Meeting with Grand Design, Dehco, Winnspec International, and Chen Fong at Livonia, MI testing facility, to discuss regulator investigation. Chen Fong agrees the regulator is allowing higher pressure than expected with a compromised second stage seal.

5/27/21—UFP determines that it supplied parts to Heartland and disclosed this information to Thor Ind.

6/2/21 – Heartland conducts safety committee meeting and decides to move forward with a recall for safety.