



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N
derailment with subsequent hazardous material release and fires,
in East Palestine, Ohio, on February 3, 2023

GROUP	E
EXHIBIT	
11	

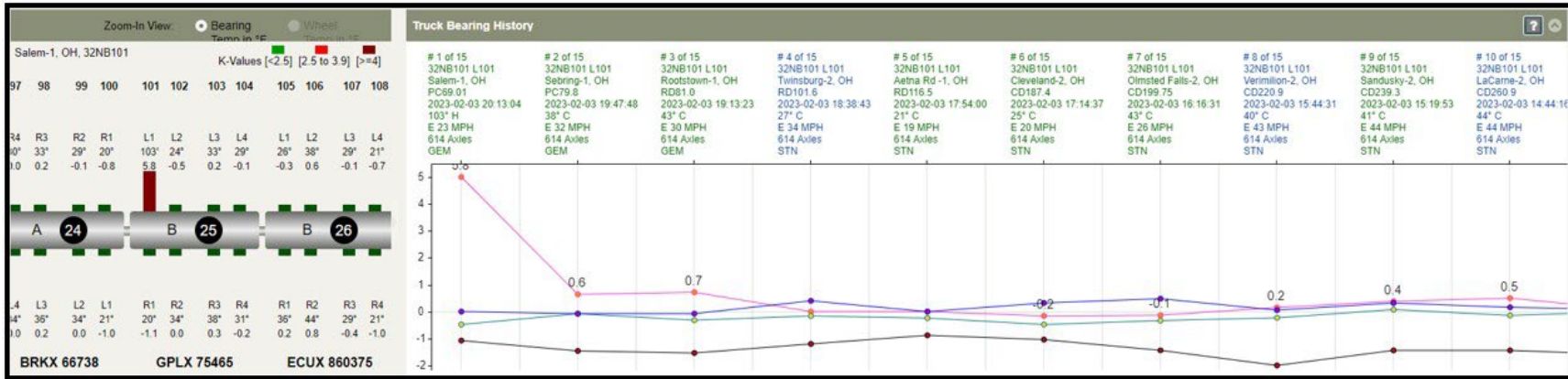
Agency / Organization

Norfolk Southern

Title

**Exhibit 11- 32NB101
Acoustic and Hot Box
Trending**

GPLX 75465



Vehicle Tag: **GPLX 075465** Vehicle Axle Number: **1** Side of Vehicle: **L**

	Data Quality	Train Time	Site	Sensor Type	Vehicle Number	Train Axle Number	Vehicle Type	Axle Speed (km/h)	Lead End	Direction	Side of Track	Bearing Fault	Bearing Alert	Is Consistent	Wheel Flat	ErsDB
▶	✔	10/13/2022 07:41:06	Denholm2	RAILBAM	135	544	C_133	58	A	West	N	NOISY (RS2)		No	.	72
▶	✔	9/23/2022 20:17:05	Denholm2	RAILBAM	25	103	C_22	68	B	East	N	FBS(RS1)		No	.	79
▶	✔	1/28/2022 01:32:24	Denholm1	RAILBAM	23	96	C_21	63	A	East	Near	NOISY (RS1)		No	.	79
▶	✔	5/30/2021 20:57:59	Denholm2	RAILBAM	20	84	C_18	71	A	West	N	FBS(RS1)		No	.	77
▶	✔	5/22/2021 11:01:44	Denholm2	RAILBAM	39	157	C_37	70	B	East	N	FBS(RS2)		No	.	75
▶	✔	12/11/2020 09:37:52	Denholm2	RAILBAM	98	393	C_96	68	B	West	F	NOISY (RS1)		No	.	70
▶	✔	11/30/2020 07:42:27	Denholm1	RAILBAM	44	180	C_42	68	A	East	Near	NOISY (RS1)		No	.	71
▶	✔	5/9/2016 14:51:33	Denholm1	RAILBAM	79	322	C_76	68	A	East	Near	RS3		No	.	72