

UPRR Derailment
Fort Worth TX
4/24/2019
Cargill Ethanol Unit Train

Total Cars Derailed	26
Identified Cars Total	26
Inspected Car Total	26

Defect Description	NO	YES	Percentage of Failure
Manway Compromised	25	1	4%
Multihousing Compromised	24	2	8%
Valves Damaged	25	1	4%
Skid Damaged	23	3	12%
BOV Adaptor Sheared	16	10	38%
BOV Open	25	1	4%
BOV Handle Damaged	11	15	58%
Dis-Engageable BOV Handle	1	25	96%
Thermal Tear	26	0	0%
Mech Tear	23	3	12%
Draft sill torn off A End	25	1	4%
Draft sill torn off B End	23	3	12%
Head Brace pulled from head pad	26	0	0%
Head pad pulled from tank	26	0	0%
Body Bolster pulled from pad	24	2	8%
Bolster Pad pulled from tank	24	2	8%
Tank Breaches Identified	23	3	12%