

Data Monitor/Logger

Engine Serial Number :79915243
 Customer Unit Number :0000000000
 Work Order Name :NA

INSITE 9.1.1.92 / Datapack 9.1.10092
 Company Name :Cummins Inc.
 ECM Image Name :NA
 Customer Name :Customer Name**

Parameter	Value	Units	Minimum Measurec	Maximum Measurec
Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Dosing			
Aftertreatment Diesel Particulate Filter Ash Load	13.3	Percent	13.3	13.3
Aftertreatment Fuel Pressure Sensor Signal Voltage	1.13	V	1.13	1.13
EGR Differential Pressure	-0.037	inHg	-0.037	-0.037
Engine Coolant Temperature	202.2	°F	202.2	210.4
Engine Operating State	Aftertreatment Regeneration Active			
Aftertreatment Diesel Oxidation Catalyst Intake Temperature	731.8	°F	727.7	734.5
Aftertreatment Diesel Particulate Filter Active Regeneration Elapsed Time	0000006:53	HHHHHH: MM		
Aftertreatment Diesel Particulate Filter Ash Adjustment Factor	0.034	lb/ft3	0.034	0.034
Aftertreatment Diesel Particulate Filter Differential Pressure	0.13	inHg	0.13	0.13
Aftertreatment Diesel Particulate Filter Differential Pressure Sensor Signal Voltage	0.75	V	0.69	0.75
Aftertreatment Diesel Particulate Filter Intake Temperature	718.1	°F	714.7	718.1
Aftertreatment Diesel Particulate Filter Lamp Status	Off			
Aftertreatment Diesel Particulate Filter Operating State	Active DPF Regeneration			
Aftertreatment Diesel Particulate Filter Outlet Pressure	0.29	inHg	0.29	0.29
Aftertreatment Diesel Particulate Filter Outlet Pressure Sensor Signal Voltage	0.81	V	0.75	0.81
Aftertreatment Diesel Particulate Filter Outlet Temperature	705.9	°F	704.8	706.1
Aftertreatment Diesel Particulate Filter Passive Regeneration Elapsed Time	0000656:03	HHHHHH: MM		
Aftertreatment Diesel Particulate Filter Regeneration Start Switch Status	Off			
Aftertreatment Diesel Particulate Filter Soot Load	2.38	oz	2.38	2.38
Aftertreatment Diesel Particulate Filter Soot Load Status	Normal			
Aftertreatment Fuel Injector Status	Closed			
Aftertreatment Fuel Pressure	42.3	psi	41.3	42.5
Aftertreatment Fuel Shutoff Valve Status	Closed			
Aftertreatment High Exhaust System Temperature Lamp Status	Off			
Aftertreatment Purge Air Solenoid Status	Closed			
Barometric Air Pressure	28.9	inHg	28.9	28.9
Brake Pedal Position Switch	Released			
Clutch Pedal Position Switch	Released			
Crankcase Pressure	0.5	inH2O	0.1	0.5
EGR Temperature	238.9	°F	238.2	239.1
EGR Valve Position Commanded	0	Percent	0	0
EGR Valve Position Measured (Percent Open)	0	Percent	0	0
Engine Speed	758	rpm	754	763
Exhaust Gas Pressure	91.53	inHg	89.64	100.70
Exhaust Gas Temperature (Calculated)	1006	°F	1006	1094
Exhaust Mass Flowrate	9.6	lb/min	8.7	9.6
Exhaust Volumetric Flowrate	4.69	ft3/s	4.63	4.76
Fan Control Command	100	Percent	0	100
Fan Drive State	Off			

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Parameter	Value	Units	Minimum Measurec	Maximum Measurec
Fuel Rail Pressure Commanded	7252	psi	7252	7252
Fuel Rail Pressure Measured	7070	psi	7034	7312
Intake Manifold Air Temperature	128.5	°F	128.5	136.1
Intake Manifold Pressure	7.1	inHg	6.2	7.6
OEM Ambient Air Temperature	94	°F	94	94
Parking Brake Switch State	On			
Percent Accelerator Pedal or Lever	0	Percent	0	0
Percent Load	3	Percent	2	6
PTO Status	Inactive			
Turbocharger Actuator Position Commanded (Percent Closed)	86	Percent	86	86
Turbocharger Actuator Position Measured (Percent Closed)	86	Percent	86	87
Turbocharger Compressor Intake Air Temperature	110.4	°F	107.9	110.4
Turbocharger Compressor Outlet Air Temperature (Calculated)	183.2	°F	181.4	183.2
Turbocharger Speed	40562	rpm	38281	41344
Vehicle Speed	0	mph	0	0
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater State	Off			
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater Status	Off			
Aftertreatment Diesel Exhaust Fluid Dosing Valve Commanded Position	Closed			
Aftertreatment Diesel Exhaust Fluid Lamp Status	Off			
Aftertreatment Diesel Exhaust Fluid Pressure	127.6	psi	125.6	134.5
Aftertreatment Diesel Exhaust Fluid Pressure Sensor Voltage	3.3	V	3.3	3.4
Aftertreatment Diesel Exhaust Fluid Quality	32.1	Percent	32.1	32.2
Aftertreatment Diesel Exhaust Fluid Quality Sensor Fluid Temperature	93	°F	93	93
Aftertreatment Diesel Exhaust Fluid Reverting Valve Position	Closed			
Aftertreatment Diesel Exhaust Fluid Tank Heating Valve Position Commanded	Closed			
Aftertreatment Diesel Exhaust Fluid Tank Level	21	Percent	21	21
Aftertreatment Diesel Exhaust Fluid Tank Temperature	93	°F	93	93
Aftertreatment Diesel Exhaust Fluid Tank Temperature Sensor Voltage	0.00	V	0.00	0.00
Aftertreatment Intake NOx	80	ppm	79	90
Aftertreatment Intake NOx Corrected	85	ppm	84	96
Aftertreatment Intake NOx Reading Stable	Reading Stable			
Aftertreatment Outlet NOx	11	ppm	11	14
Aftertreatment Outlet NOx Corrected	11	ppm	11	15
Aftertreatment Outlet NOx Reading Stable	Reading Stable			
Aftertreatment SCR Intake Temperature	638	°F	638	639
Aftertreatment SCR Outlet Temperature	621	°F	620	621
Aftertreatment SCR Outlet Temperature Signal Voltage	0.0	V	0.0	0.0
Diesel Exhaust Fluid Line Heater 1 State	Off			
Diesel Exhaust Fluid Line Heater 2 State	Off			
Diesel Exhaust Fluid Line Heater 3 State	Off			
Diesel Exhaust Fluid Tank Heater State	Off			