



Production Test Report

Final Test Status: FAILED

Executed Test: HOT TEST SHORT

Engine Serial Number: 86110555

Test Number: 2

Test Configuration

Engine Serial Number	86110555
Test Specification Number	95170
MODEL	ISB6.7E5300
MOD_TYPE	CM2880
TST_PAL	5
VOLTAGE	25.00
PROD_ID	BFR
SHUTOFF	3
E_ECMCOD	FX80023.08

Test Information

Testbed: ZCK_TC01

Operator: Cummins Operator

Test Date: 2022-02-24

Test Start: 22:17:51

Test End:

Teststatus per Phase

Testpoint	Teststatus	Operator	PLC-Error	Meas.Err.	Mat. Review	ECM Error
SETUP	PASSED	0	0	0	0	0
COLD_CRANK	PASSED	0	0	0	0	0
COLD_CRANK_2	PASSED	0	0	0	0	0
ENGINE_START	PASSED	0	0	0	0	0
LOW_IDLE	PASSED	0	0	0	0	0
HIGH_IDLE	PASSED	0	0	0	0	0
RATED_HP	PASSED	0	0	0	0	0
TORQUE_PEAK	PASSED	0	0	0	0	0
ENGINE_SHUTDOWN	PASSED	0	0	0	0	0
FINAL_STATUS	FAILED	0	0	0	0	0



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Reject Codes

Code	Testpoint	Description	Type	Channel	Unit	Lower Limit	Value	Upper Limit
OVERRID	SETUP	Error on setting the parameter [SEND_OPERATION=r	ECM	-	-	0.00	0.00	0.00
OVERRID	ENGINE_START	Error on setting the parameter [SEND_OPERATION=r	ECM	-	-	0.00	0.00	0.00
OVERRID	ENGINE_START	Error on setting the parameter [T_Dual_Accelerator_E	ECM	-	-	0.00	0.00	0.00



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ECM Fault Codes

Testpoint	Number	Description	Masked	Active
LOW_IDLE	249	OEM AMBIENT AIR TEMPERATURE HIGH ERROR	A	A
LOW_IDLE	428	WATER IN FUEL SENSOR CIRCUIT SHORTED HIGH ERROR	A	A
LOW_IDLE	584	STARTER RELAY CIRCUIT SHORTED LOW	A	A
LOW_IDLE	1669	Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Level Sensor Circuit	A	A
LOW_IDLE	1678	(Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Temperature Sens	A	A
LOW_IDLE	1683	1683,Aftertreatment Diesel Exhaust Fluid Tank Heater - Voltage Above Nor	A	A
LOW_IDLE	2182	ENG BRK DRIVE #1 LOW CONTROL ERROR	A	A
LOW_IDLE	2555	GHC LOW VOLTAGE ERROR #1	A	A
LOW_IDLE	2771	Aftertreatment Outlet NOx Sensor - Abnormal Update Rate	A	A
LOW_IDLE	3558	3558	A	A
LOW_IDLE	3565	Metering valve circuit voltage above normal (SCR)	A	A
LOW_IDLE	3572	DEF pressure sensor circuit voltage below normal (SCR)	A	A
LOW_IDLE	3577	Purge valve circuit voltage above normal (SCR)	A	A
LOW_IDLE	4173	Air pressure sensor circuit voltage below normal (SCR)	A	A
LOW_IDLE	4174	DEF Temperature sensor circuit voltage above normal (SCR)	A	A
LOW_IDLE	4177	Air pump valve circuit voltage below normal (SCR)	A	A
HIGH_IDLE	249	OEM AMBIENT AIR TEMPERATURE HIGH ERROR	A	A
HIGH_IDLE	428	WATER IN FUEL SENSOR CIRCUIT SHORTED HIGH ERROR	A	A
HIGH_IDLE	584	STARTER RELAY CIRCUIT SHORTED LOW	A	A
HIGH_IDLE	1669	Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Level Sensor Circuit	A	A
HIGH_IDLE	1678	(Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Temperature Sens	A	A
HIGH_IDLE	1683	1683,Aftertreatment Diesel Exhaust Fluid Tank Heater - Voltage Above Nor	A	A
HIGH_IDLE	2182	ENG BRK DRIVE #1 LOW CONTROL ERROR	A	A
HIGH_IDLE	2555	GHC LOW VOLTAGE ERROR #1	A	A
HIGH_IDLE	2771	Aftertreatment Outlet NOx Sensor - Abnormal Update Rate	A	A
HIGH_IDLE	3558	3558	A	A
HIGH_IDLE	3565	Metering valve circuit voltage above normal (SCR)	A	A
HIGH_IDLE	3572	DEF pressure sensor circuit voltage below normal (SCR)	A	A
HIGH_IDLE	3577	Purge valve circuit voltage above normal (SCR)	A	A
HIGH_IDLE	4173	Air pressure sensor circuit voltage below normal (SCR)	A	A
HIGH_IDLE	4174	DEF Temperature sensor circuit voltage above normal (SCR)	A	A
HIGH_IDLE	4177	Air pump valve circuit voltage below normal (SCR)	A	A
RATED_HP	249	OEM AMBIENT AIR TEMPERATURE HIGH ERROR	A	A
RATED_HP	428	WATER IN FUEL SENSOR CIRCUIT SHORTED HIGH ERROR	A	A
RATED_HP	584	STARTER RELAY CIRCUIT SHORTED LOW	A	A
RATED_HP	1669	Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Level Sensor Circuit	A	A
RATED_HP	1678	(Air-assisted) - Aftertreatment Diesel Exhaust Fluid Tank Temperature Sens	A	A
RATED_HP	1683	1683,Aftertreatment Diesel Exhaust Fluid Tank Heater - Voltage Above Nor	A	A
RATED_HP	2182	ENG BRK DRIVE #1 LOW CONTROL ERROR	A	A
RATED_HP	2555	GHC LOW VOLTAGE ERROR #1	A	A
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RATED_HP	3558	3558	A	A
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RATED_HP	3577	Purge valve circuit voltage above normal (SCR)	A	A
RATED_HP	4173	Air pressure sensor circuit voltage below normal (SCR)	A	A
RATED_HP	4174	DEF Temperature sensor circuit voltage above normal (SCR)	A	A
RATED_HP	4177	Air pump valve circuit voltage below normal (SCR)	A	A



Production Test Report

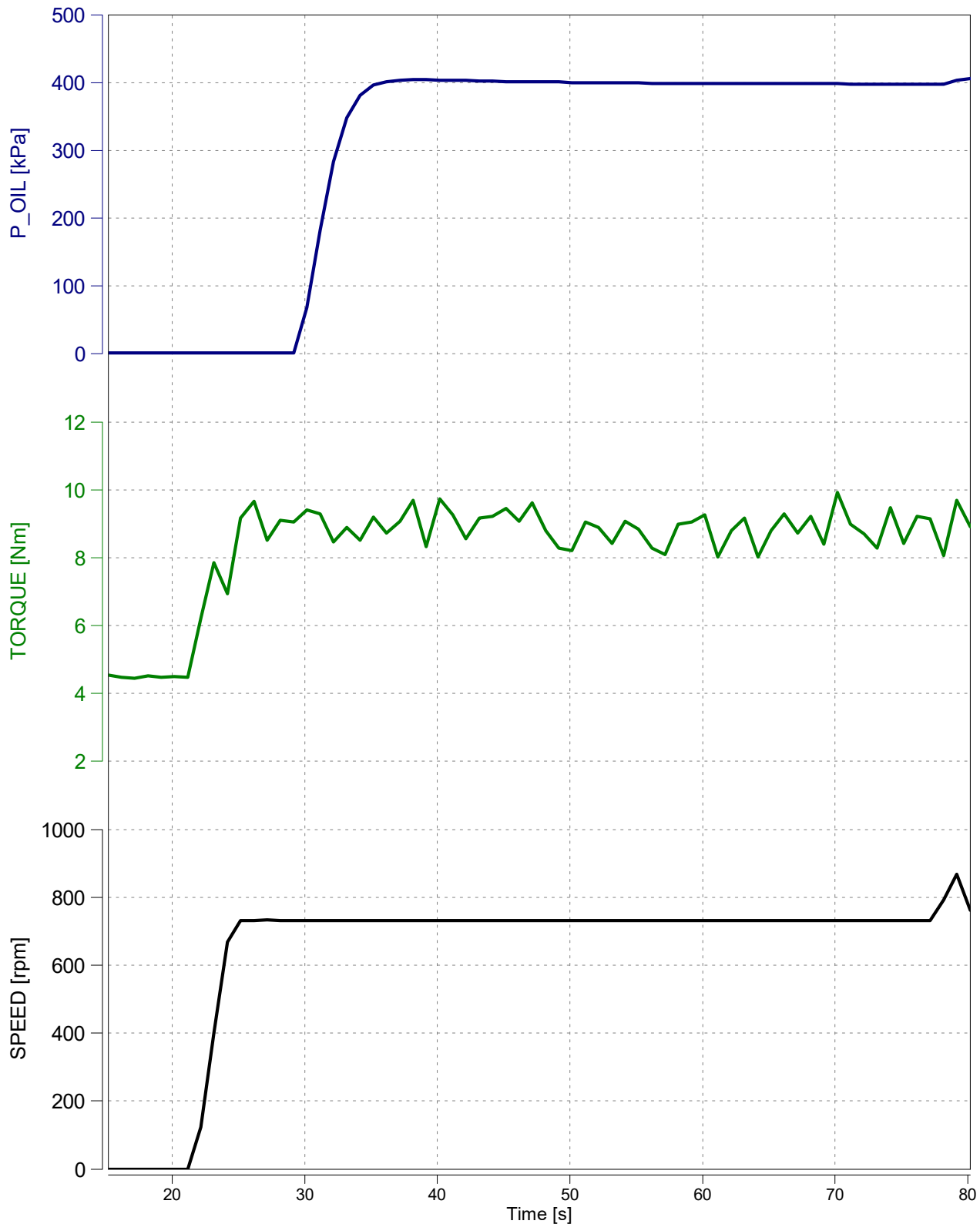
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Oil Pressure Check





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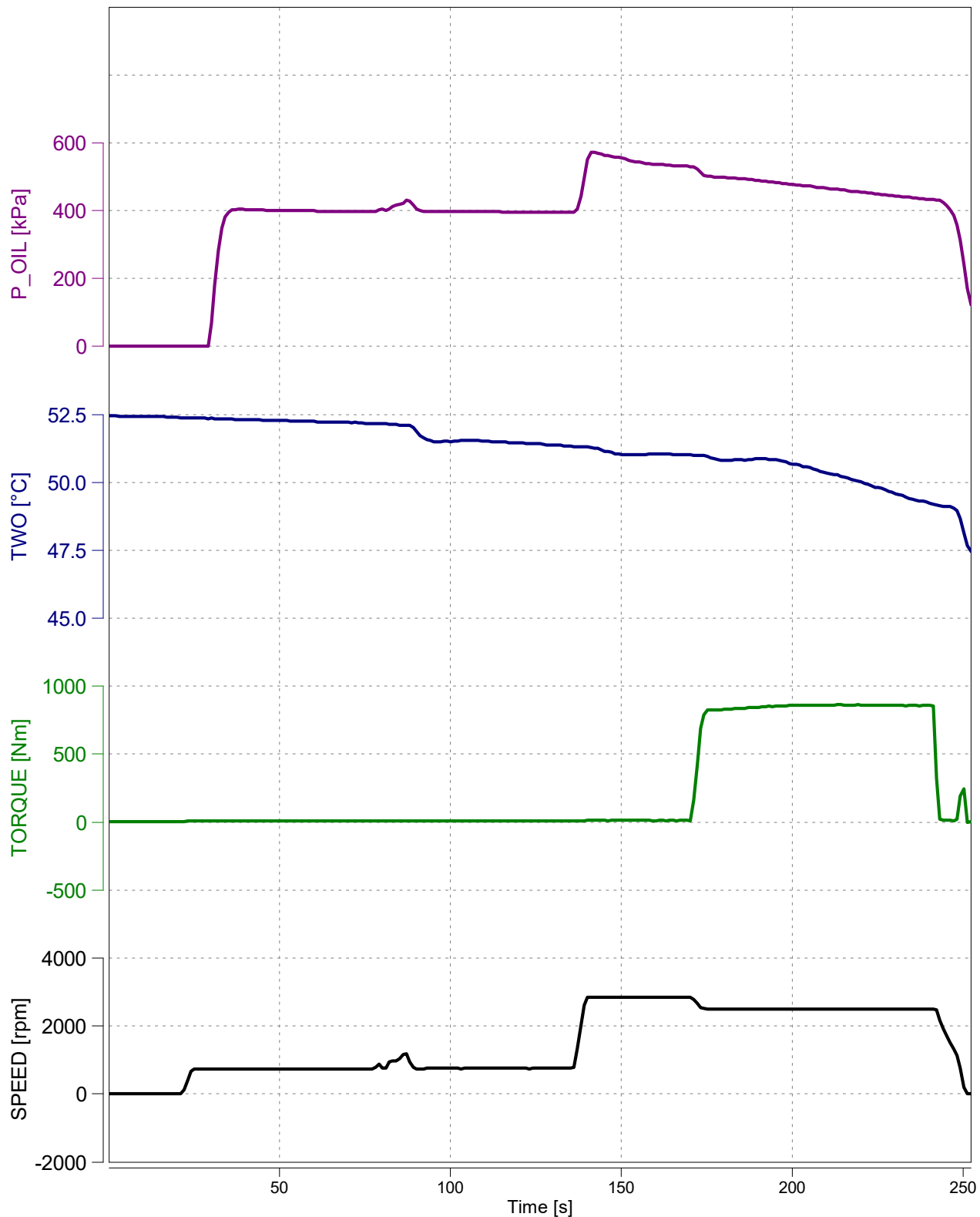
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Overall Recorder





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	Unit	Lower Limit	Value	Upper Limit	Status
LOW_IDLE					
SPEED	rpm	698.00	749.79	810.00	PASSED
P_OIL	kPa	75.00	395.24		PASSED
OPA_ANLG	-		4.86		
HIGH_IDLE					
SPEED	rpm	2800.00	2844.98	2900.00	PASSED
P_OIL	kPa		533.73		
RATED_HP					
SPEED	rpm	2498.00	2499.94	2502.00	PASSED
P	kW	205.00	224.89	235.00	PASSED
FB_RATE	kg/h	43.00	49.78	55.00	PASSED
P_INTAKE	kPa		161.85		
P_OIL	kPa	275.00	440.50		PASSED
BLOW_VAL	kPa	0.10	1.24	3.00	PASSED
OPA_ANLG	-	0.00	4.86	15.00	PASSED
T_FUEL	°C	38.00	39.10	45.00	PASSED
P_FUEL	kPa		*		
T_TUR_IN	-		*		