

Cat Electronic Technician 2021C v1.0

Product Status Report

27/09/2022 11:35 AM

Product Status Report

Parameter	Value
Product ID	JLK01218
Equipment ID	CATR2900EJLK01218
Comments	

Cat Monitor System R2900 (Unavailable)

Parameter	Value
ECM Part Number	2524503.02
Software Group Part Number	4599420-00
Software Group Release Date	JAN15
Mon Sys Harness Code	31

Logged Diagnostic Codes [Diagnostic Clock = 16651 hours] - Cat Monitor System R2900 (Unavailable)

Code	Description	Occ.	First	Last
248- 2	Invalid Cat Data Link data	1	16651	16651

Active Diagnostic Codes - Cat Monitor System R2900 (Unavailable)

Code	Description
248- 2	Invalid Cat Data Link data

Current Totals - Cat Monitor System R2900 (Unavailable)

Description	Value	Unit
Total Operating Hours	16652	hours
Total Distance	17798.00	km

Machine Control R2900 (00000000)

Parameter	Value
Equipment ID	JLK01218
Transmission Serial Number	
ECM Part Number	3045687-02
ECM Serial Number	13646165MS
Software Group Part Number	4599422-00
Software Group Release Date	JAN2015
Software Group Description	R2900 Wheel Loader

Loaded Diagnostic Codes [Diagnostic Clock = 16853 hours] - Machine Control R2900 (00000000)

Code	Description	Occ.	First	Last
296- 9	Transmission Control : Abnormal Update Rate	1	16853	16853

168- 4	Electrical System Voltage : Voltage Below Normal	127	16821	16853
168- 3	Electrical System Voltage : Voltage Above Normal	6	16853	16853
1607- 5	Front ARC Control Solenoid : Current Below Normal	77	16813	16825
1605- 5	Front ARC Supply Solenoid : Current Below Normal	6	16809	16810

Logged Event Codes [Diagnostic Clock = 16853 hours] - Machine Control R2900 (00000000)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Machine Control R2900 (00000000)

Code	Description
296- 9	Transmission Control : Abnormal Update Rate
1605- 5	Front ARC Supply Solenoid : Current Below Normal

Active Event Codes - Machine Control R2900 (00000000)

Code	Description
No Active Events	

Configuration - Machine Control R2900 (00000000)

Description	Value	Unit
Equipment ID	JLK01218	
Cooldown Duration	Unavailable	min
Run ARC Test	Off	

C15 R2900 (TXG08196)

Parameter	Value
Product ID	JLK01218
Equipment ID	CATR2900EJLK01218
Engine Serial Number	TXG08196
ECM Part Number	3722906-00
ECM Serial Number	17646469JM
Software Group Part Number	4861243-00
Software Group Release Date	MAY15
Software Group Description	R2900/R3000 LHD-C15 Engine
Active Diagnostic Codes Present	Yes

Logged Diagnostic Codes [Diagnostic Clock = 17174 hours] - C15 R2900 (TXG08196)

Code	Description	Occ.	First	Last
296- 9	Transmission Control : Abnormal Update Rate	1	17174	17174

Logged Event Codes [Diagnostic Clock = 17174 hours] - C15 R2900 (TXG08196)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C15 R2900 (TXG08196)

Code	Description
296- 9	Transmission Control : Abnormal Update Rate

Active Event Codes - C15 R2900 (TXG08196)

Code	Description
No Active Events	

Current Totals - C15 R2900 (TXG08196)

Description	Value	Unit
Total Fuel	436539	L
Total Max Fuel	458898	L
Total Idle Time	3448:45	hours
Total Idle Fuel	125573	L
Total Operating Hours	17175	hours
Engine Starts	55559	
Lifetime Total Engine Revolutions	1592971916	rev
Average RPM	1545.91	rpm
Percentage Idle Time	20.08	%
Overall Load Factor	95	%
Average Fuel Rate	25.42	L/h
Total Distance	84621.20	km
Total Remote Control Operating Time	0.25	hours

Configuration - C15 R2900 (TXG08196)

Description	Value	Unit
Product ID	JLK01218	
Equipment ID	CATR2900EJLK01218	
Engine Serial Number	TXG08196	
ECM Part Number	3722906-00	
ECM Serial Number	17646469JM	
Software Group Part Number	4861243-00	
Software Group Release Date	MAY15	
Software Group Description	R2900/R3000 LHD-C15 Engine	
Maintenance Indicator Mode	Off	
Maintenance Level 1 Cycle Interval Hours	250	hours
FLS	-3	
FTS	-8	
Total Tattletale	11	

Lifetime: Time vs Engine Coolant Temperature - C15 R2900 (TXG08196)

Engine Coolant Temperature(Deg C)	hours	%
<50.0	0.00	0.00
50.0-54.0	0.00	0.00
55.0-59.0	0.00	0.00

60.0-64.0	0.00	0.00
65.0-69.0	0.00	0.00
70.0-74.0	0.00	0.00
75.0-79.0	0.00	0.00
80.0-84.0	0.00	0.00
85.0-89.0	0.00	0.00
90.0-94.0	0.00	0.00
95.0-99.0	0.00	0.00
100.0-104.0	0.00	0.00
105.0-109.0	0.00	0.00
110.0-114.0	0.00	0.00
115.0-119.0	0.00	0.00
>120.0	0.00	0.00

Lifetime: Time vs Inlet Air Temperature - C15 R2900 (TXG08196)

Inlet Air Temperature(Deg C)	hours	%
<40.0	0.00	0.00
40.0-44.0	0.00	0.00
45.0-49.0	0.00	0.00
50.0-54.0	0.00	0.00
55.0-59.0	0.00	0.00
60.0-64.0	0.00	0.00
65.0-69.0	0.00	0.00
70.0-74.0	0.00	0.00
75.0-79.0	0.00	0.00
80.0-84.0	0.00	0.00
85.0-89.0	0.00	0.00
90.0-94.0	0.00	0.00
95.0-99.0	0.00	0.00
>100.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C15 R2900 (TXG08196)

Boost Pressure(kPa)	hours	%
<80.0	0.00	0.00
80.0-89.0	0.00	0.00
90.0-99.0	0.00	0.00
100.0-109.0	0.00	0.00
110.0-119.0	0.00	0.00
120.0-129.0	0.00	0.00
130.0-139.0	0.00	0.00
140.0-149.0	0.00	0.00
150.0-159.0	0.00	0.00
160.0-169.0	0.00	0.00
170.0-179.0	0.00	0.00
180.0-189.0	0.00	0.00
190.0-199.0	0.00	0.00
>200.0	0.00	0.00

Lifetime: Time vs Engine Speed And Engine Load Factor - C15 R2900 (TXG08196)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0-59.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0-69.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Lifetime: Total Occurrences vs Engine Speed - C15 R2900 (TXG08196)

Engine Speed(rpm)	Count	%
<2500.0	0	0.00
2500.0-2599.0	0	0.00
2600.0-2699.0	0	0.00
2700.0-2799.0	0	0.00
2800.0-2899.0	0	0.00
2900.0-2999.0	0	0.00
3000.0-3099.0	0	0.00
3100.0-3199.0	0	0.00
3200.0-3299.0	0	0.00
>3300.0	0	0.00

Lifetime: Time vs Engine Speed - C15 R2900 (TXG08196)

Engine Speed(rpm)	hours	%
<1100.0	0.00	0.00
1100.0-1299.0	0.00	0.00
1300.0-1499.0	0.00	0.00
1500.0-1699.0	0.00	0.00
1700.0-1899.0	0.00	0.00
1900.0-2099.0	0.00	0.00
2100.0-2299.0	0.00	0.00
>2300.0	0.00	0.00

Lifetime: Time vs Engine Load Factor - C15 R2900 (TXG08196)

Engine Load Factor(%)	hours	%
<50.0	0.00	0.00
50.0-59.0	0.00	0.00
60.0-69.0	0.00	0.00
70.0-79.0	0.00	0.00
80.0-89.0	0.00	0.00
>90.0	0.00	0.00

Trip: Time vs Engine Speed - C15 R2900 (TXG08196)

Engine Speed(rpm)	hours	%
<1100.0	0.00	0.00
1100.0-1299.0	0.00	0.00
1300.0-1499.0	0.00	0.00
1500.0-1699.0	0.00	0.00
1700.0-1899.0	0.00	0.00
1900.0-2099.0	0.00	0.00
2100.0-2299.0	0.00	0.00
>2300.0	0.00	0.00

Trip: Time vs Engine Load Factor - C15 R2900 (TXG08196)

Engine Load Factor(%)	hours	%
<50.0	0.00	0.00
50.0-59.0	0.00	0.00
60.0-69.0	0.00	0.00
70.0-79.0	0.00	0.00
80.0-89.0	0.00	0.00
>90.0	0.00	0.00

Injector Trim Calibration - C15 R2900 (TXG08196)

Injector	Serial Number	File Version
Injector1	000000005A529909271A	0
Injector2	000000005A5299103624	0
Injector3	000000005A5299124590	0
Injector4	000000005A529912509E	0
Injector5	000000005A5299105870	0
Injector6	000000005A529910514F	0

Monitoring System - C15 R2900 (TXG08196)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2600 rpm	0 sec
Moderate Severity (2)	Always On	2800 rpm	0 sec
High Air Filter Restriction Pressure			
Least Severe (1)	Always On	7.5 kPa	30 sec
Moderate Severity (2)	Always On	9.0 kPa	30 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	106 Deg C	5 sec
Moderate Severity (2)	Always On	106 Deg C	30 sec
Most Severe (3)	On	107 Deg C	5 sec
High Engine Inlet Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
High Fuel Filter Pressure Restriction			

Least Severe (1)	Always On	None	3600 sec
Moderate Severity (2)	Always On	None	14400 sec
High Fuel Pressure			
Least Severe (1)	Always On	758.0 kPa	8 sec
High Fuel Temperature			
Least Severe (1)	Always On	90.0 Deg C	30 sec
Moderate Severity (2)	Always On	91.0 Deg C	10 sec
Low Coolant Level			
Least Severe (1)	Always On	None	5 sec
Moderate Severity (2)	Always On	None	30 sec
Most Severe (3)	On	None	30 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	5 sec
Moderate Severity (2)	Always On	None	5 sec
Most Severe (3)	On	None	10 sec
No Coolant Flow			
Least Severe (1)	On	None	5 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	On	None	30 sec

Trip Segment - C15 R2900 (TXG08196)

Description	Value	Unit
Time	17174:45	hours
Fuel	436538.9	L
Idle Fuel	125573.0	L
Total Maximum Fuel	458898	L
Total Distance	84621	km
Idle Time	3448:45	hours
Start Time	0:00	hours
End Time	17174:45	hours
Avg Load Factor	Unavailable	%
% Idle Time	Unavailable	hours

Trip Segment - Current - C15 R2900 (TXG08196)

Description	Value	Unit
Time	17174:45	hours
Fuel	436538.9	L
Idle Fuel	125573.0	L
Total Maximum Fuel	458898	L
Total Distance	84621	km
Idle Time	3448:45	hours
Start Time	0:00	hours
End Time	17174:45	hours
Avg Load Factor	Unavailable	%
% Idle Time	Unavailable	hours

Trip Segment - Previous - C15 R2900 (TXG08196)

Description	Value	Unit
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Time	17174:45	hours
Fuel	436538.9	L
Idle Fuel	125573.0	L
Total Maximum Fuel	458898	L
Total Distance	84621	km
Idle Time	3448:45	hours
Start Time	0:00	hours
End Time	17174:45	hours
Avg Load Factor	Unavailable	%
% Idle Time	Unavailable	hours

Maintenance Indicator - C15 R2900 (TXG08196)

Description	Service Status	Value	Unit
PM1	---	Unavailable	