

Company:
CLARKSON
CONSTRUCTION
0001001368

Location:

Equipment: 000101368821
Make-Model: JOHN DEERE 450H
Type: DOZER
Serial Number:

Unit Number
821E
ENGINE (SOOT)
SAE Grade:

Customer No.
0001001368

Fuel: Di

Sales Rep:

Sample Information					
Test Date	Sample Date	Sample Num	Total Hours / Miles	Hours / Miles This Sample	C/S
6/16/2017	6/7/2017	061617101	14450	0	Chng
10/6/2016	9/28/2016	100616057	14148	0	Chng
6/6/2016	6/1/2016	060616089	13948	0	Chng
10/28/2015	10/21/2015	102815045	13714	0	Chng
9/18/2015	9/10/2015	091815069	13511	0	Chng

Physical Data			
Viscosity	Glycol	Fuel	Water
13.8	NEG	NEG	NEG
14.0	NEG	NEG	NEG
14.3	NEG	NEG	NEG
15.0	NEG	NEG	NEG
14.5	NEG	NEG	NEG

Wear Metal Concentrations in Parts Per Million (ppm) by Weight									
Lead	Iron	Silica	Chromium	Tin	Aluminum	Copper	Sodium	Potassium	
3A	24A	16A	2A	0A	7A	2A	10	2	
2A	19A	7A	1A	0A	5A	1A	17	1	
2A	16A	6A	1A	0A	6A	1A	21	0	
4A	20A	11A	1A	0A	6A	1A	3	1	
3A	13A	4A	1A	0A	4A	1A	8	0	

Sample Information			Chemical Data		
Test Date	Sample Date	Sample Num	TBN	Soot	Ox
6/16/2017	6/7/2017	061617101		0.00	
10/6/2016	9/28/2016	100616057		0.00	
6/6/2016	6/1/2016	060616089		0.00	
10/28/2015	10/21/2015	102815045		0.20	
9/18/2015	9/10/2015	091815069		0.20	

Additive Metals in ppm			
Ca	P	Zn	Mq

Particle Counts Per Particle Size								ISO Code
4Um	6Um	10Um	14Um	21Um	25Um	50Um	70Um	

Sample Num	RECOMMENDATIONS
061617101	ALL TESTS APPEAR NORMAL FOR THIS SAMPLE.
100616057	ALL TESTS APPEAR NORMAL FOR THIS SAMPLE.
060616089	ALL TESTS APPEAR NORMAL FOR THIS SAMPLE.
102815045	ALL TESTS APPEAR NORMAL FOR THIS SAMPLE.
091815069	ALL TESTS APPEAR NORMAL FOR THIS SAMPLE.

Rating
A No action Required
C Review complete analysis, monitor engine or component parameters
X Review complete analysis, examine engine or component parameters, Resample immediately

A-NORMAL

C-WARNING

X-CRITICAL

NEG-NEGATIVE

TR-TRACE

POS-POSITIVE