

Equipment Health Report

Component Health Summary

Company: YANGARRA RESOURCES
Component: Unit 18 - ENGINE
Status: Normal
Last Sample Rank: 0
Last Problem Level:

Equipment Detail

Customer Information

Company: YANGARRA RESOURCES
Contact: Adam Latos

Unit Information

Unit ID: Unit 18
Unit Area:
Unit Type: HEAVY TRUCK
Manufacturer: INTERNATIONAL
Model:
Sub Model:
Serial Number: 3HSNWAPT5FN658610
License:
Install Date:
Comment:

Component Information

Component ID: ENGINE
Location On Unit:
Type: ENGINE
Detection #:
Manufacturer: CUMMINS
Model: ISX
Sub Model:
Serial #:
Site Location:
Billing Area:
Fuel: DIESEL
Coolant: GLYCOL/H2O
Criticality:

Power:
Install Date:
In Service: Yes
Default Oil:
Oil Capacity:
Filter:
Comment:

Component Activity History

Type	Sample Rank	Problem Level	Lab Tracking No	Your Tracking No.
New Oil				
Sample Results	0			
Sample Results	0.4			
Sample Results	2.4		3 - 1390361	

				Contaminants		Wear Metals	
Unit Service	Co Component Service	Oil Oil Service	Units	Oil Chg	Sodium (Na)	Soc Potassium (K)	
				N		1	2
1771 ~	1771	411 HR	Y			2	2
1360 ~	1360	400 HR				3	3
930 ~	930	500 HR	Y			3	4

Sample Information					
PO Number	Submitted PO Number	Sample Date	Oil	Me Meter Reading	Un
Derek Swain		2022/06/02	FEDERATED CO-OP, D-MO SY		
		2025/03/15	FEDERATED CO-OP, D-MO SY	1771 ~	
		2024/10/22	FEDERATED CO-OP, D-MO SY	1360 ~	
		2024/07/25	FEDERATED CO-OP, D-MO SY	930 ~	



Pot Silicon (Si)	Silic Aluminum (Al)	Alu Iron (Fe)	Iror Copper (Cu)	Coç Lead (Pb)	Lea
8	2	1	0	0	
5	3	17	2	2	
9	5	36	6	4	
17	5	43	21	7	



Tin (Sn)	Tin	Chromium (Cr)	Chr	Nickel (Ni)	Nic	Titanium (Ti)	Tita	Silver (Ag)	Silv
	0		0		0		0		0
	1		2		0		0		0
	3		4		0		0		0
	4		4		0		0		0



Additives

Vanadium (V)	Van Antimony (Sb)	Ant Beryllium (Be)	Ber Manganese (Mn)	Mar Cadmium (Cd)	Cac
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	2	0



Calcium (Ca)	Cal Zinc (Zn)	Zinc Phosphorus (P)	Phc Magnesium (Mg)	Maç Molybdenum (l Mol
2302	1411	1115	15	119
2274	1396	1101	20	117
2407	1662	1154	26	123
2371	1268	1160	37	105

Physical Tests					
Boron (B)	Bor Barium (Ba)	Bar Lithium (Li)	Lith Visc 100°C cSt	Visc Fuel %	Fue
169	0	0	15.12		
91	0	0	13.34	NT	
68	0	0	13.77	NT	
29	0	0	13.75	NT	

				Additional Tests	
Water %	Wa Glycol %	Gly Soot %	Soc NIT (DT) Abs/0.1	NIT OX (DT) Abs/0.1	OX
N			7.9	15.9	
N	NT	0.47	12	21.2	
N	NT	0.62	11.8	21.6	
N	NT	0.8	12.7	19.6	

SUL (DT) Abs/O. SUL Ethylene Glycol (%)	Eth Polypropylene Glycol (Pol Grit	Grit Results	Recomm Notes
15.6		This new	22081721
22.9		Tested we Resample next inter	
21.9		Tested we Resample next inter	
23.6		Tested we Resample next inter	