

Equipment Health Report

GV15-2

Component Health Summary

Company: YANGARRA RESOURCES
Component: Unit 2C - 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 2C
Unit Area:
Unit Type: TRUCK
Manufacturer: DODGE
Model:
Sub Model:
Serial Number: 3C7WRNCL3FG502477
License:
Install Date:
Comment:

Component Information

Component ID: ENGINE
Location On Unit:
Type: ENGINE
Detection #:
Manufacturer:
Model:
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			
Sample Results	0			
Sample Results	0		3 - 1390366	
Sample Results	0			
Sample Results	0		3 - 1423911	

Sample Information					
PO Number	Submitted PO Number	Sample Date	Oil	Me Meter Reading	Un
Derek Swain		2022/06/02	FEDERATED CO-OP, D-MO SYI		
		2025/10/22	FEDERATED CO-OP, D-MO SYI	386000	~
		2025/08/05	FEDERATED CO-OP, D-MO SYI	376200	~
		2025/04/08	FEDERATED CO-OP, D-MO SYI	364000	~
		2024/07/30	FEDERATED CO-OP, D-MO SYI	16805	~
		2024/05/04	FED, 5W40		
		2024/01/10			

				Contaminants		Wear Metals	
Unit Service	Co Component Service	Oil Oil Service	Units	Oil Chg	Sodium (Na)	Soc Potassium (K)	
				N	1	2	
386000 ~	386000	10000 KM	Y		0	0	
376200 ~	376200	KM	Y		0	1	
364000 ~	364000	10000 KM	Y		0	1	
16805 ~	16805	400 HR			1	7	
		10000 KM	Y		0	1	
					3	3	



Pot. Silicon (Si)	Silic Aluminum (Al)	Alu Iron (Fe)	Iron Copper (Cu)	Cop Lead (Pb)	Lea
8	2	1	0	0	0
4	1	9	0	1	1
6	1	16	1	0	0
4	1	14	1	1	1
4	0	2	0	0	0
5	0	25	2	0	0
4	1	23	3	0	0

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



Additives

Vanadium (V)	Var 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	0	0
0	0	0	0	0	0
0	1	0	0	0	0
0	0	0	0	0	0



Calcium (Ca)	Cal Zinc (Zn)	Zinc Phosphorus (P)	Phc Magnesium (Mg)	Mağ Molybdenum (l Mol)
2302	1411	1115	15	119
2368	1138	1090	52	95
2219	1120	948	21	109
2360	1160	1070	26	111
1785	873	861	17	87
2090	1220	975	300	18
1595	1526	1095	761	45

Physical Tests						
Boron (B)	Bor Barium (Ba)	Bar Lithium (Li)	Lith Visc 100°C cSt	Visc Fuel %	Fue	
169	0	0	15.12			
70	0	0	14.1	NT		
102	0	0	13.79	NT		
125	0	0	13.84	NT		
107	0	0	14.31	NT		
142	0	0	14.23	NT		
59	0	0	14.39	NT		

				Additional Tests	
Water %	Water Glycol %	Glycol Soot %	Soot NIT (DT) Abs/0.1	NIT OX (DT) Abs/0.1	OX
N			7.9	15.9	
N	NT	0.18	10.9	19.6	
N	NT	0.23	12.9	22.3	
N	NT	0.2	13.2	22.5	
N	NT	0.19	8.5	16.6	
N	NT	0.21	9.7	18.5	
N	NT	0.15	9.4	19.3	

SUL (DT) Abs/0. SUL Ethylene Glycol (%)	Eth Polypropylene Glycol (Pol)	Grit	Results	Recomm Notes
15.6			This new	22081721
22.2			Tested we Resample next inter	
21.2			Tested we Resample next inter	
23.2			Tested we Resample next inter	
16.2			Tested we Resample next inter	
22.2			Tested we Resample next inter	
20			Assuming Resample next inter	