



# CONSTRUCTION EQUIPMENT

64198 FIVE STONE GROVE RT422 223337 - TRANSMISSION



**Sample No:** VCP414338  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 64198 FIVE STONE



## SAMPLE INFORMATION

Sample Number	VCP414338	---	---	---
Sample Date	26 Jul 2023	---	---	---
Machine Hours	702	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE**  
15101 ALABAMA HWY 20  
MADISON, AL  
US 35756  
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## OIL CONDITION

Visc @ 40°C	cSt	36.3	---	---	---
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## CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

## Diagnosis

The fluid change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Clutch wear is indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



## WEAR METALS

Iron	ppm	38	---	---	---
Copper	ppm	61	---	---	---
Lead	ppm	612	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	2594	---	---	---
Magnesium	ppm	28	---	---	---
Zinc	ppm	1134	---	---	---
Phosphorus	ppm	927	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	18	---	---	---

**Depot:** COWMAD  
**Unique No:** 10585710  
**Signed:** Jonathan Hester  
**Report Date:** 04 Aug 2023

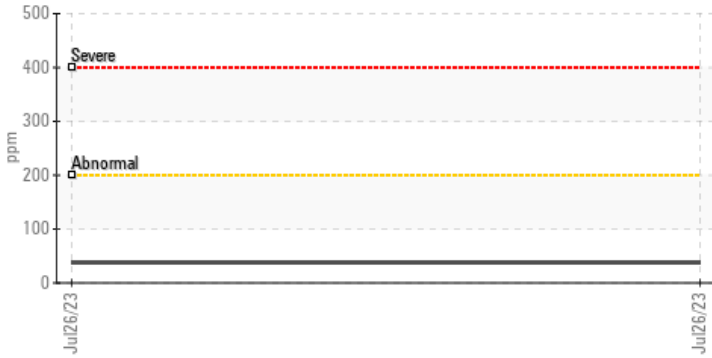


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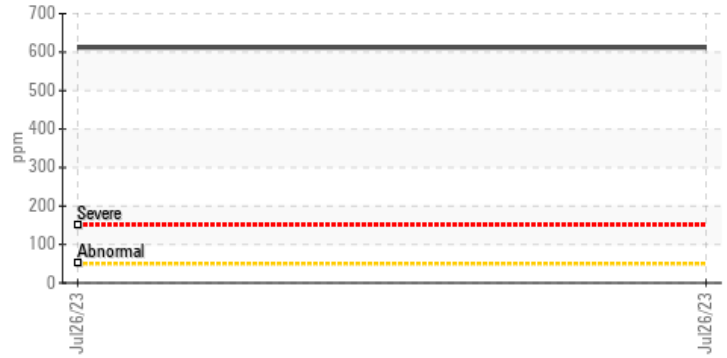


## GRAPHS

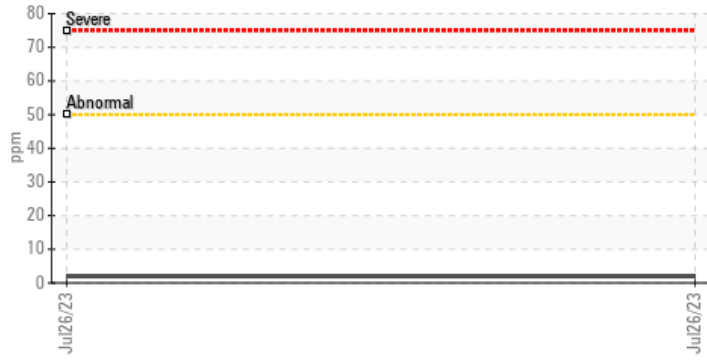
### Iron (ppm)



### Lead (ppm)



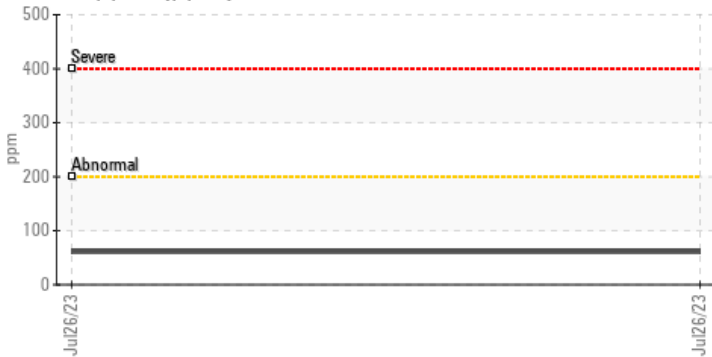
### Aluminum (ppm)



### Chromium (ppm)



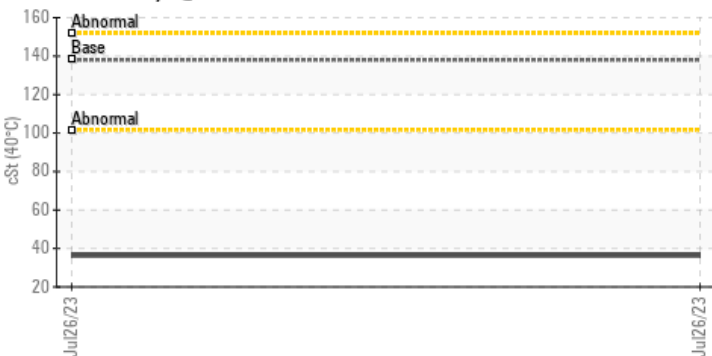
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

