



CONSTRUCTION EQUIPMENT

SWO065410 SUNBELT DOOSAN C-185 495561UHADG87 - GEARBOX



Sample No: VCP388204
Oil Type: NOT GIVEN
Job No: SWO065410 SUNBELT



SAMPLE INFORMATION

Sample Number	VCP388204	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	1472	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---

COWIN EQUIPMENT - ATLANTA

5710 RIVERVIEW RD
MABLETON, GA
US 30126

Contact: MIKE ANDREWS
mandrews@cowin.com
T: (404)690-7210
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 44.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We suspect abnormal contamination may be due to sampling method. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	49	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	72	---	---	---
Phosphorus	ppm	34	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: COWMAB
Unique No: 10633340
Signed: Doug Bogart
Report Date: 08 Sep 2023

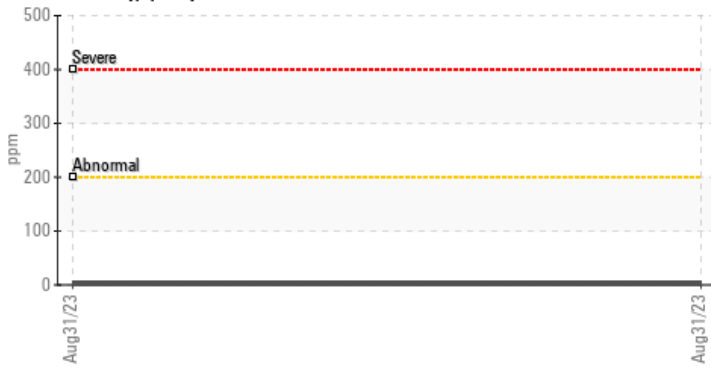


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



Aluminum (ppm)



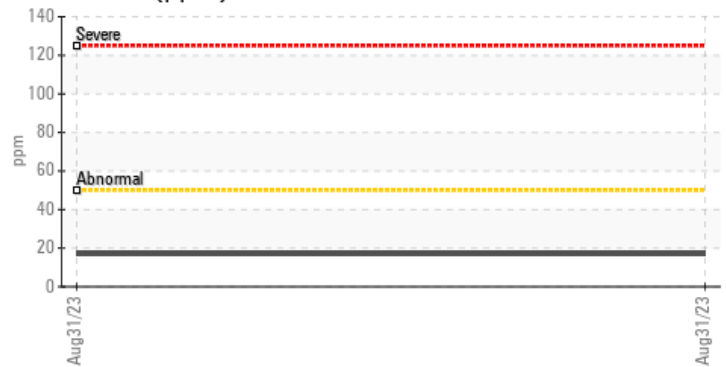
Chromium (ppm)



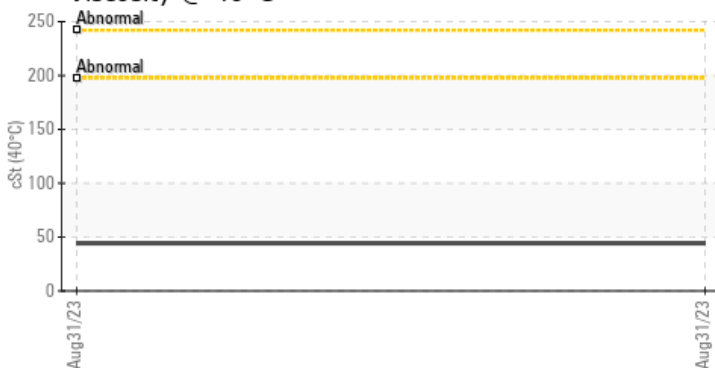
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

