



CONSTRUCTION EQUIPMENT

SW0065428 SE EQUIP DOOSAN HP1600WCU 473241U1ZF76 - GEARBOX



Sample No: VCP388198
Oil Type: NOT GIVEN
Job No: SW0065428 SE EQUIP



SAMPLE INFORMATION

Sample Number	VCP388198	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	2083	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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	■ 34.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	872	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	152	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: COWMAB
Unique No: 10631617
Signed: Don Baldrige
Report Date: 06 Sep 2023

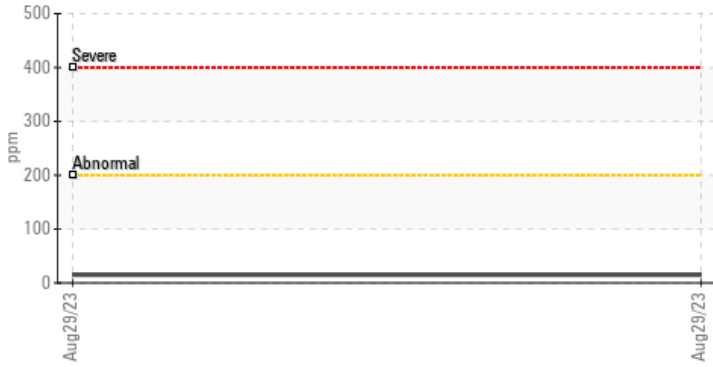


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



Aluminum (ppm)



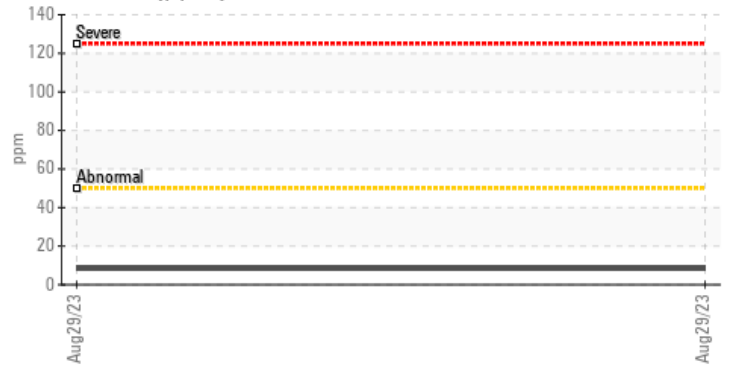
Chromium (ppm)



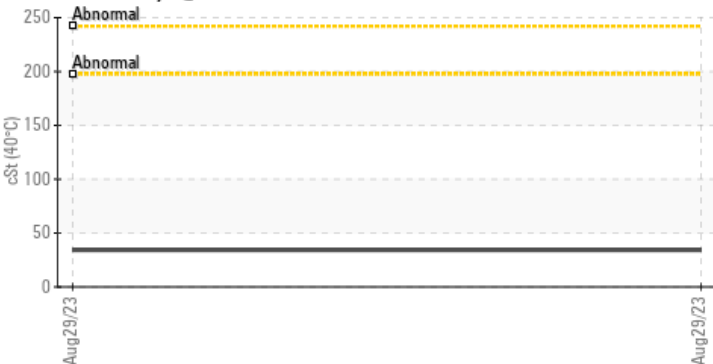
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

