



CONSTRUCTION EQUIPMENT

5480 352150 - BOGIE/CENTER AXLE



Sample No: VCP392987

Oil Type: {unknown}

Job No: 5480



SAMPLE INFORMATION

Sample Number	VCP392987	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	5936	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD
 VERNON, BC
 CA V1T 8T2
 Contact: Sarah Lawrence
 slawrence@gwequipment.com
 T: (866)627-2357
 F: (250)549-3397



OIL CONDITION

Visc @ 40°C	cSt	53.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 90	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

PQ		■ 55	---	---	---
Iron	ppm	▲ 1074	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 11	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	15	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	28	---	---	---
Phosphorus	ppm	2232	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	175	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate concentration of dirt present in the oil. High amount of ingressed dirt has caused abrasive wear to the component. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MARVER
Unique No: 5763846
Signed: Kevin Marson
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

