



CONSTRUCTION EQUIPMENT

IDL 3705 352488 - TRANSMISSION (AUTO)



Sample No: VCP314315

Oil Type: NOT GIVEN

Job No: 3705



SAMPLE INFORMATION

Sample Number	VCP314315	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	3665	---	---	---
Oil Hours	640	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

Great West Equipment

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Terrace, BC
CA V8G 5P8
Contact: Justin Waite
jwaite@gwequipment.com
T: (250)635-9033
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OIL CONDITION

Visc @ 40°C	cSt	■ 28.1	---	---	---
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CONTAMINATION

Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

PQ		▲ 98	---	---	---
Iron	ppm	▲ 160	---	---	---
Copper	ppm	■ 33	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	▲ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	85	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	74	---	---	---
Phosphorus	ppm	163	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	43	---	---	---

Diagnosis

We recommend that you drain the fluid 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. PQ levels are abnormal. Iron and nickel ppm levels are abnormal. Gear wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring. 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.

Depot: VOLVO0284
Unique No: 5681965
Signed: Kevin Marson
Report Date: 17 Nov 2023

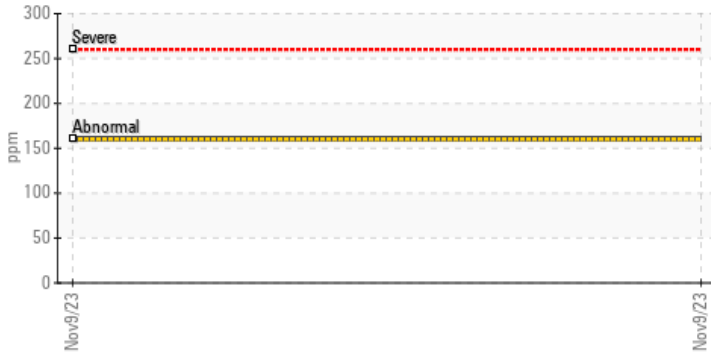


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GRAPHS

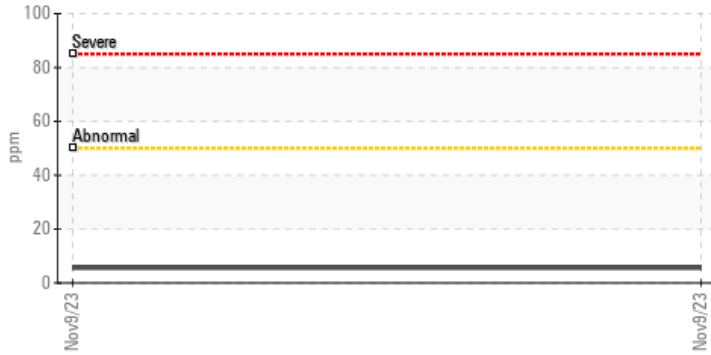
▲ Iron (ppm)



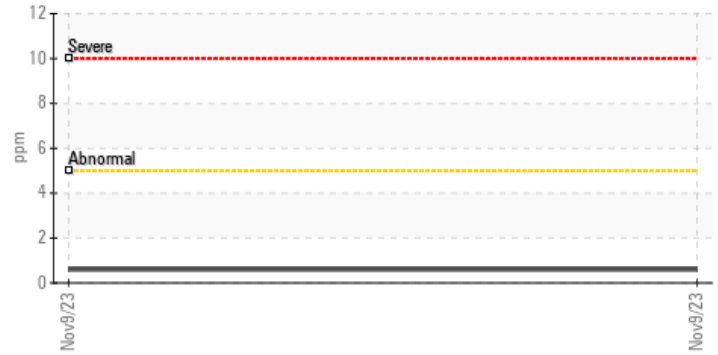
Lead (ppm)



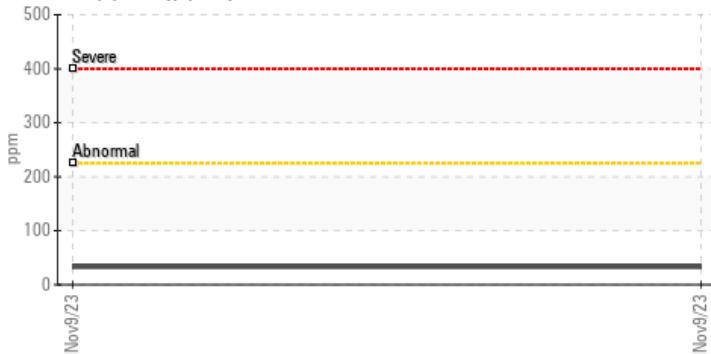
Aluminum (ppm)



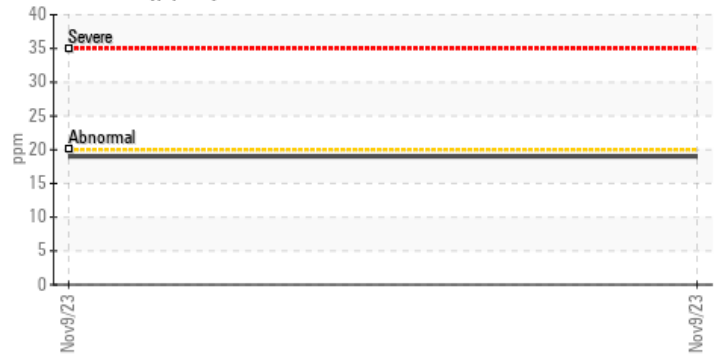
Chromium (ppm)



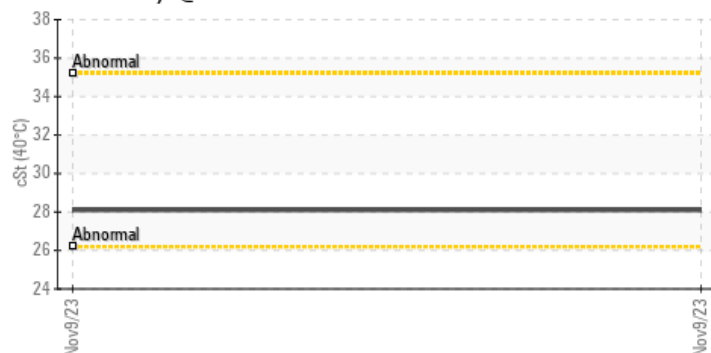
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



▲ PQ

