



CONSTRUCTION EQUIPMENT

SWA538928 PALM BEACH VOLVO A40G 353295 - WET DISC BRAKE



Sample No: VCP444758
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SWA538928 PALM BEACH



PALM BEACH AGGREGATES INC
PO BOX 700, 20125 STATE RD 80
LOXAHATCHEE, FL
US 33470
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F: (561)798-5380



SAMPLE INFORMATION

Sample Number	VCP444758	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	3858	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 83	---	---	---
Copper	ppm	▲ 122	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2543	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 1193	---	---	---
Phosphorus	ppm	█ 1348	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 103	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: PALLOX
Unique No: 10993505
Signed: Don Baldrige
Report Date: 25 Apr 2024

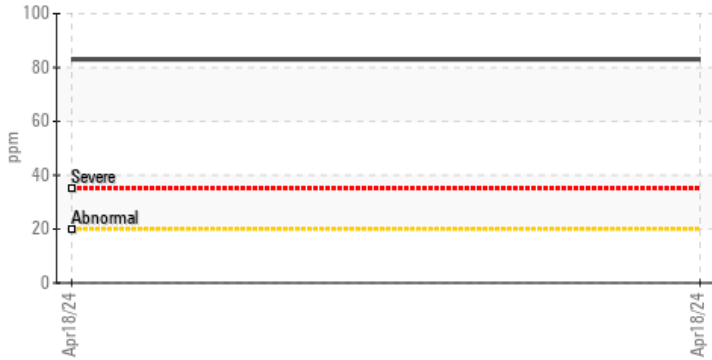


CONSTRUCTION EQUIPMENT



GRAPHS

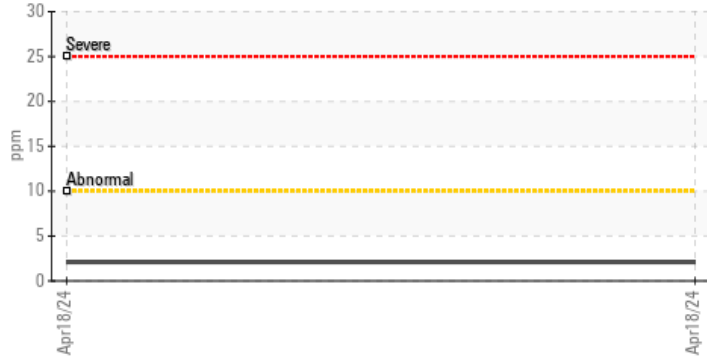
▲ Iron (ppm)



Lead (ppm)



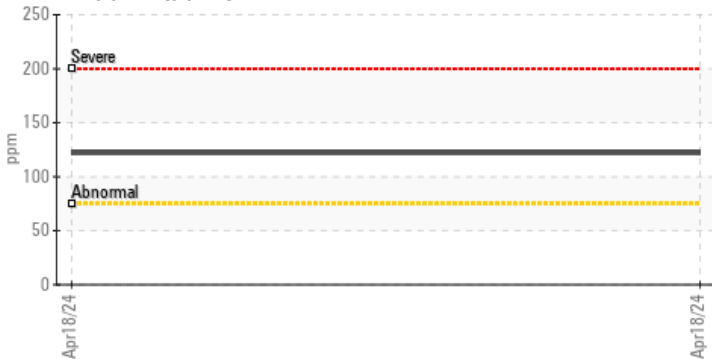
Aluminum (ppm)



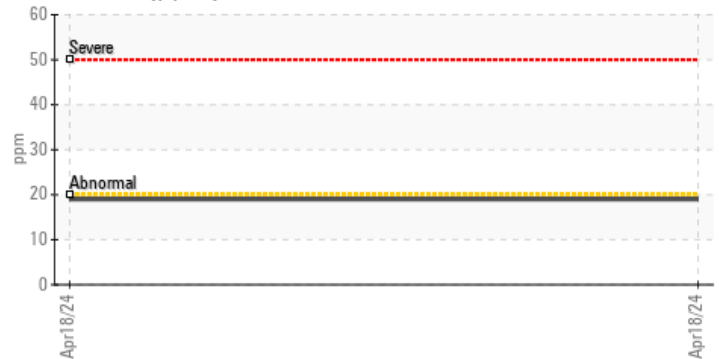
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

