



CONSTRUCTION EQUIPMENT

1035844 BZ VOLVO EC380EL 315523 - SWING DRIVE



Sample No: VCP454148
Oil Type: {unknown}
Job No: 1035844 BZ



SAMPLE INFORMATION

Sample Number	VCP454148	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	524	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
Contact: RANDY PRZEKURAT
randyp@arnoldmachinery.com
T:
F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 179	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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	█ 201	---	---	---
Copper	ppm	█ 45	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	75	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	48	---	---	---
Phosphorus	ppm	331	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO6174
Unique No: 11087922
Signed: Sean Felton
Report Date: 21 Jun 2024

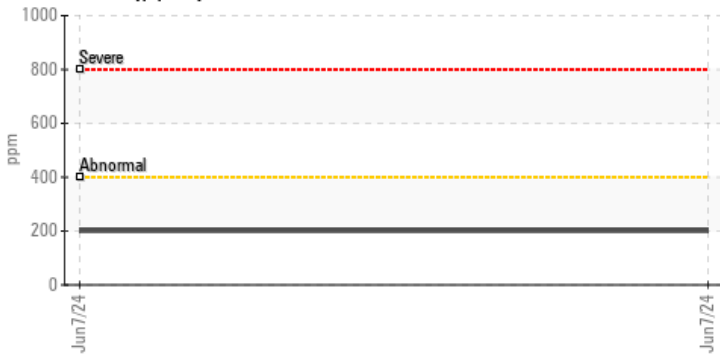


CONSTRUCTION EQUIPMENT

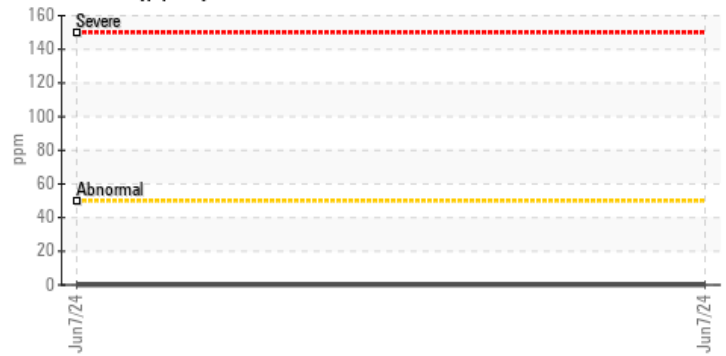


GRAPHS

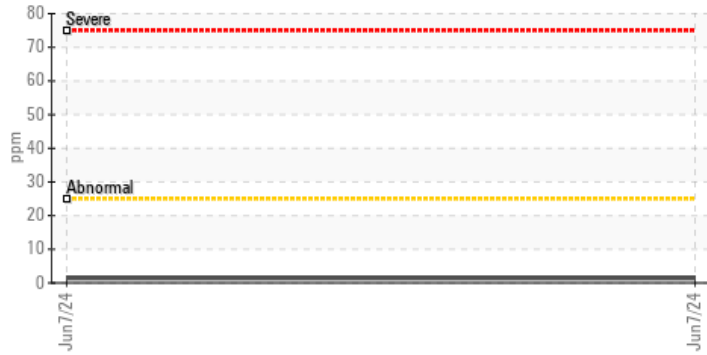
Iron (ppm)



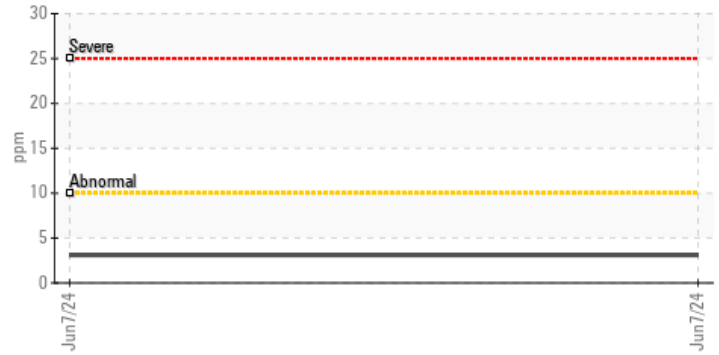
Lead (ppm)



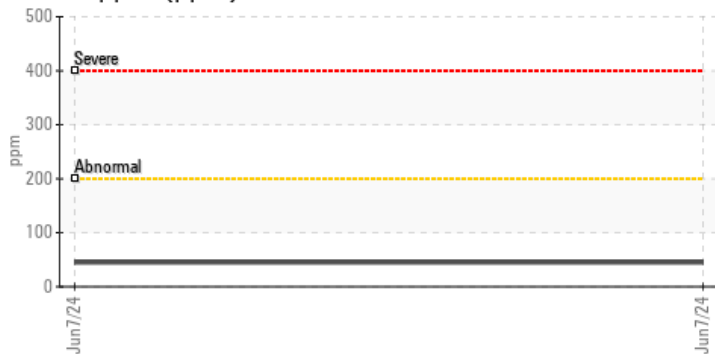
Aluminum (ppm)



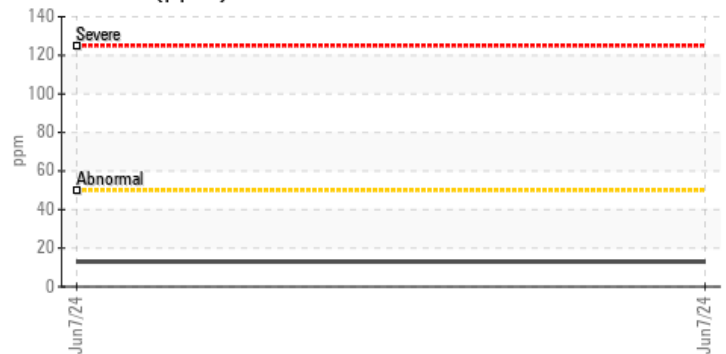
Chromium (ppm)



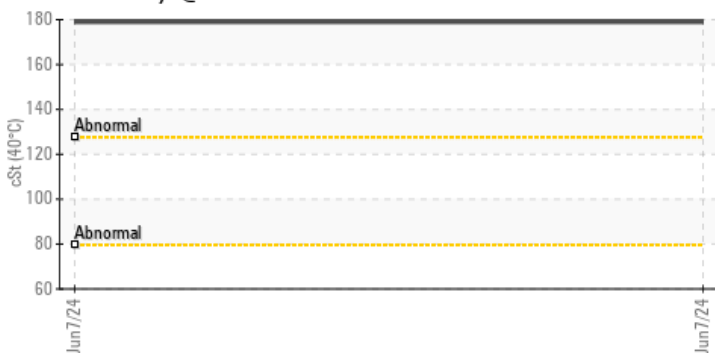
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

