



CONSTRUCTION EQUIPMENT

587216 VOLVO L90H 624518 - FRONT AXLE



Sample No: VCP45457469
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 587216



SAMPLE INFORMATION

Sample Number	VCP45457469	VCP446385	---	---
Sample Date	14 Jun 2024	12 Apr 2024	---	---
Machine Hours	14969	14537	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

FORESTRY RESOURCES

4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: Trey George
 tgeorge@themulchsoilco.com
 T: (239)571-2345
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.2	43.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	18	---	---
Sodium	ppm	1	<1	---	---
Potassium	ppm	2	2	---	---

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	17	45	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	3	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	4260	4099	---	---
Magnesium	ppm	54	24	---	---
Zinc	ppm	1797	1614	---	---
Phosphorus	ppm	1497	1336	---	---
Barium	ppm	0	1	---	---
Boron	ppm	146	179	---	---

Depot: FORFORTFL
Unique No: 11100808
Signed: Wes Davis
Report Date: 28 Jun 2024

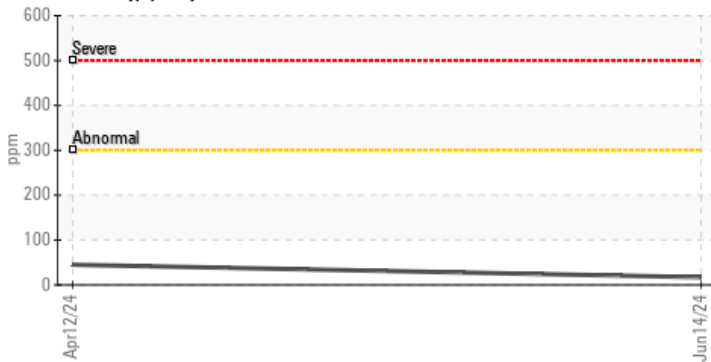


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GRAPHS

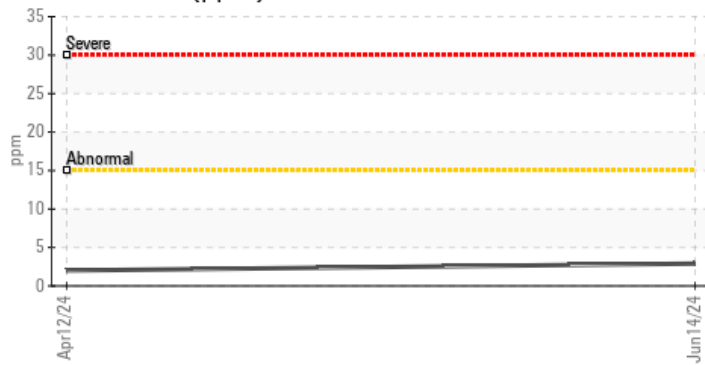
Iron (ppm)



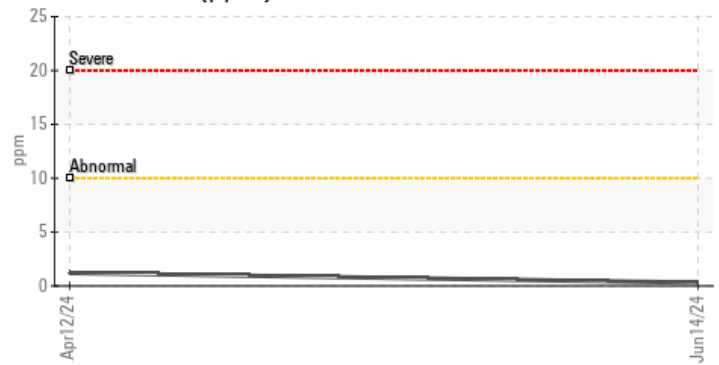
Lead (ppm)



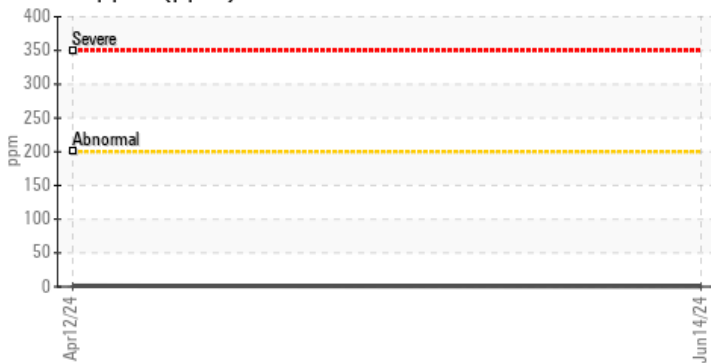
Aluminum (ppm)



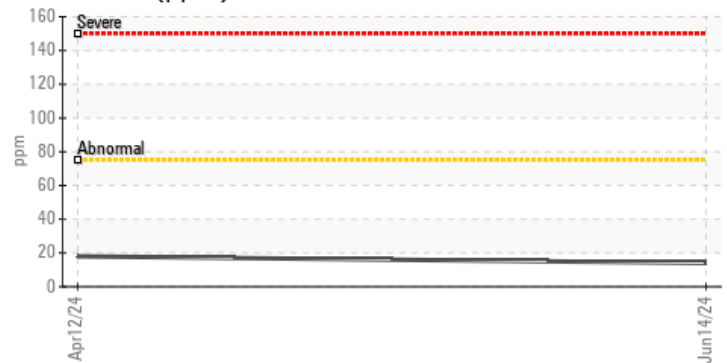
Chromium (ppm)



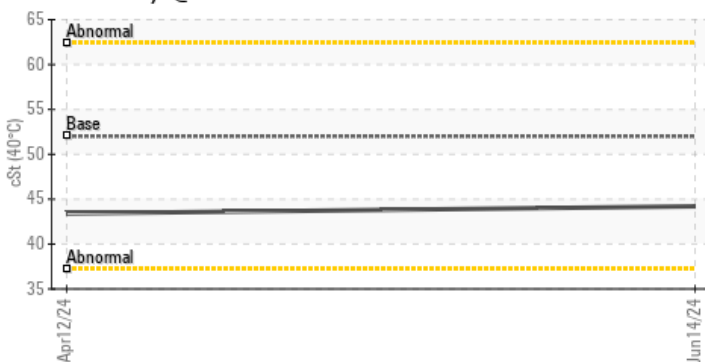
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

