



CONSTRUCTION EQUIPMENT

715018 PRINCE VOLVO L90H 626297 - REAR AXLE



Sample No: VCP449530
Oil Type: VOLVO WB 102
Job No: 715018 PRINCE



SAMPLE INFORMATION

Sample Number	VCP449530	VCP394012	VCP370965	---
Sample Date	04 May 2024	20 Feb 2023	18 Oct 2022	---
Machine Hours	2694	1172	582	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	42.9	40.6	40.7	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	20	23	22	---
Sodium	ppm	0	11	8	---
Potassium	ppm	2	2	0	---

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	54	63	45	---
Copper	ppm	8	30	27	---
Lead	ppm	1	<1	0	---
Tin	ppm	2	3	2	---
Aluminum	ppm	1	1	0	---
Chromium	ppm	3	4	4	---
Molybdenum	ppm	2	4	2	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	9	7	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	4134	3901	3934	---
Magnesium	ppm	16	14	6	---
Zinc	ppm	1662	1600	1588	---
Phosphorus	ppm	1333	1250	1187	---
Barium	ppm	0	0	0	---
Boron	ppm	152	131	120	---

Depot: VOLVO0096
Unique No: 11019003
Signed: Wes Davis
Report Date: 09 May 2024

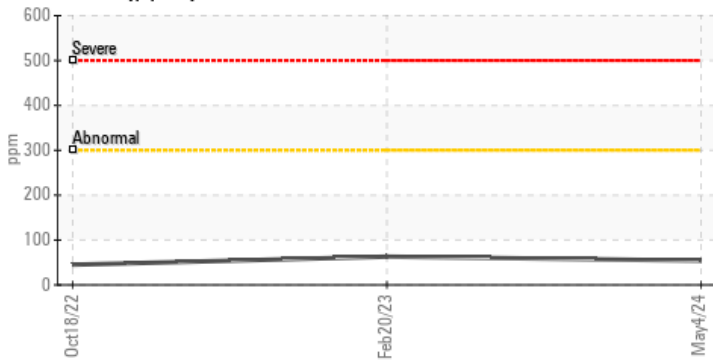


CONSTRUCTION EQUIPMENT

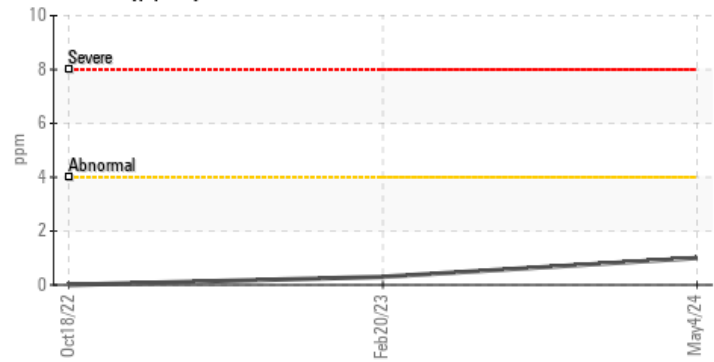


GRAPHS

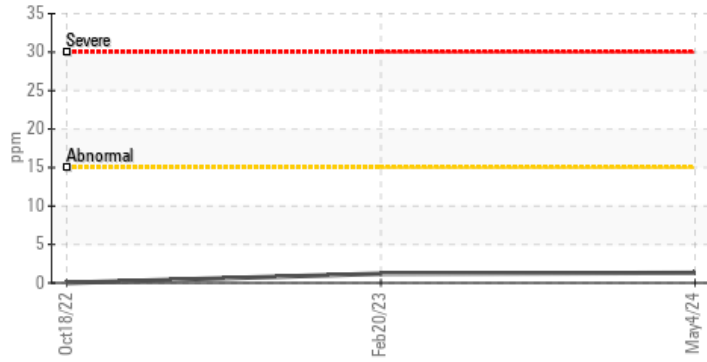
Iron (ppm)



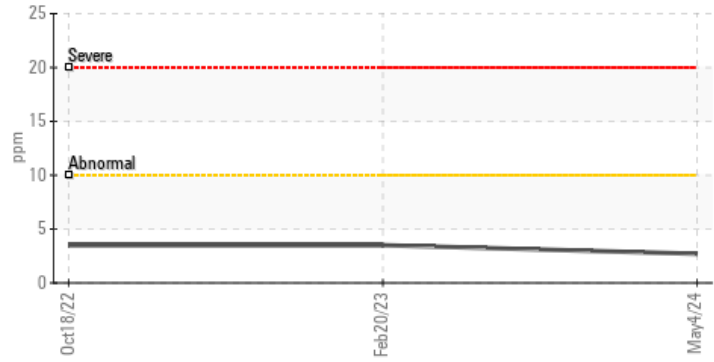
Lead (ppm)



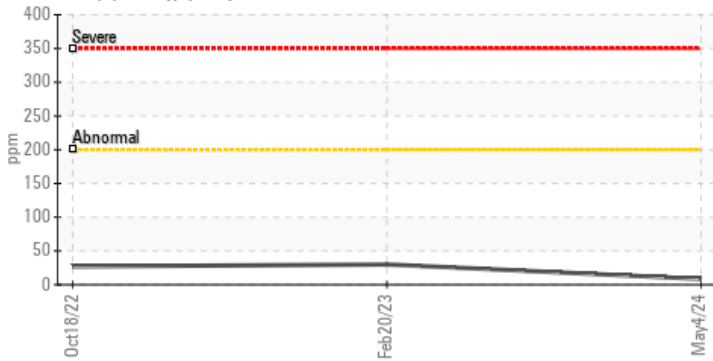
Aluminum (ppm)



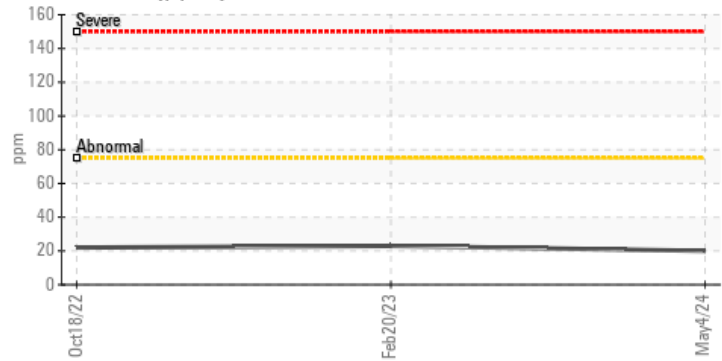
Chromium (ppm)



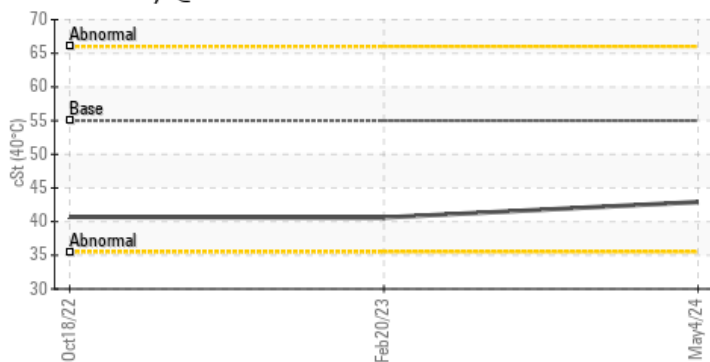
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

