



CONSTRUCTION EQUIPMENT

SW1020029 VOLVO L90F 68176 - REAR AXLE



Sample No: VCP406916
Oil Type: VOLVO WB 102
Job No: SW1020029



SAMPLE INFORMATION

Sample Number	VCP406916	VCP189457	VCP126207	---
Sample Date	12 Jun 2023	21 Jul 2017	12 Sep 2013	---
Machine Hours	15077	9510	2497	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

PAVESTONE COMPANY-PHOENIX
 1835 EAST UNIVERSITY DRIVE
 PHOENIX, AZ
 US 85034
 Contact: FERNANDO PEREN
 fernando.peren@pavestone.com
 T: (623)297-7195
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.0	40.37	51.18	---
-------------	-----	-------------	-------	-------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	16	14	22	---
Sodium	ppm	9	1	1	---
Potassium	ppm	0	<1	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	43	27	55	---
Copper	ppm	1	2	7	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	0	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4199	3986	3362	---
Magnesium	ppm	16	11	10	---
Zinc	ppm	1648	1542	1333	---
Phosphorus	ppm	1329	1255	1235	---
Barium	ppm	0	0	0	---
Boron	ppm	153	112	100	---

Depot: PAVPHO
Unique No: 10522363
Signed: Wes Davis
Report Date: 20 Jun 2023

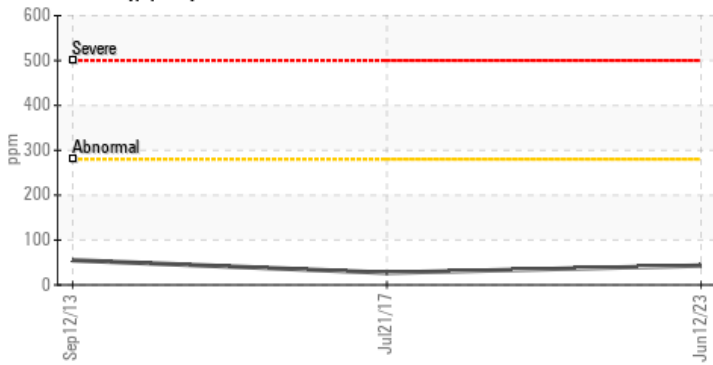


CONSTRUCTION EQUIPMENT

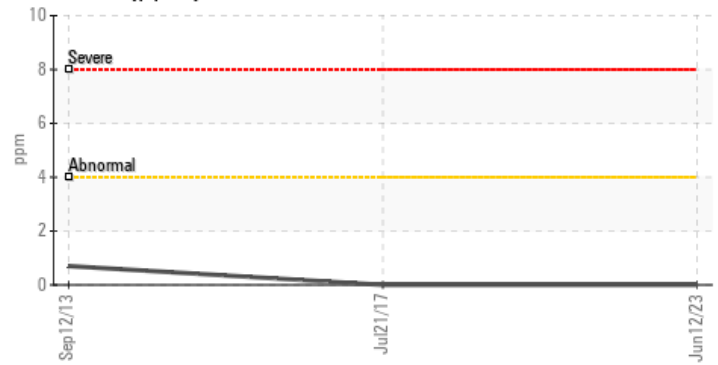


GRAPHS

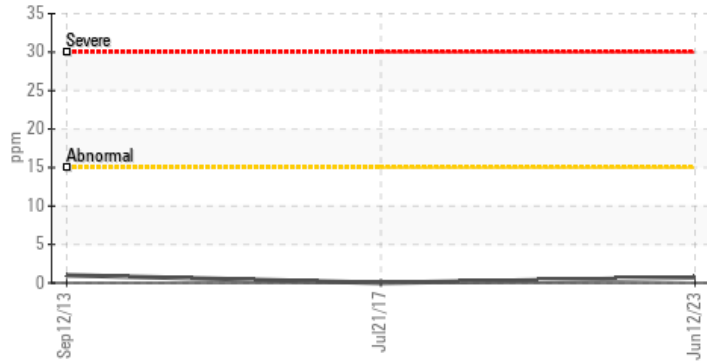
Iron (ppm)



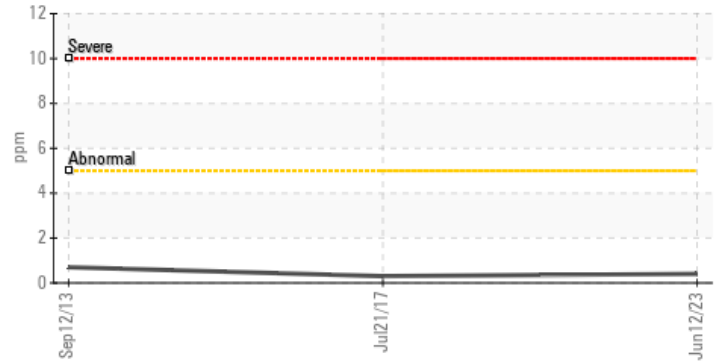
Lead (ppm)



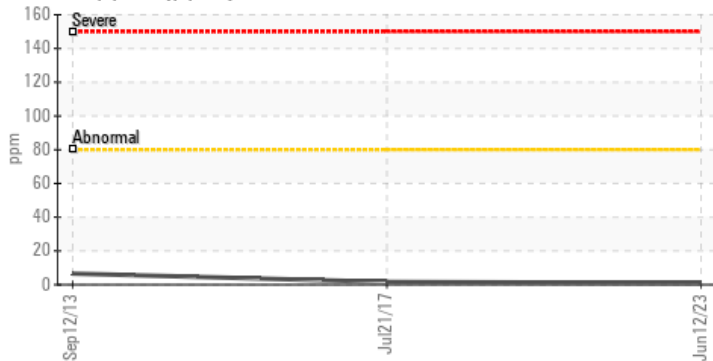
Aluminum (ppm)



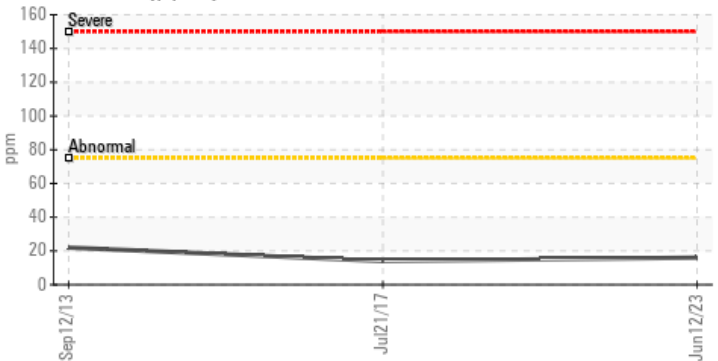
Chromium (ppm)



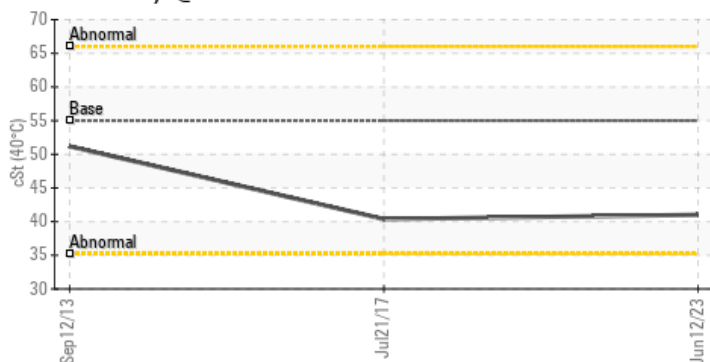
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

