



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - BRAKE



Sample No: VCP357107
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP357107	VCP410837	VCP357116	VCP345741
Sample Date	13 Jul 2023	28 Feb 2023	11 Aug 2022	11 Apr 2022
Machine Hours	3000	2500	1500	1000
Oil Hours	1000	500	1500	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SANTA ROSA COUNTY LANDFILLS
 6337 DA LISA RD
 MILTON, FL
 US 32583
 Contact: ROLAND MCKINNON
 rolandm@santarosa.fl.gov
 T: (850)777-0573
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.5	43.7	43.5	43.4
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	18	15	14	14
Sodium	ppm	1	5	2	2
Potassium	ppm	5	2	5	5



WEAR METALS

Iron	ppm	26	22	20	12
Copper	ppm	248	245	211	157
Lead	ppm	0	2	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	1	1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	2	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3549	3401	3581	3635
Magnesium	ppm	4	14	7	7
Zinc	ppm	1377	1260	1446	1439
Phosphorus	ppm	1242	1101	1196	1194
Barium	ppm	0	0	3	0
Boron	ppm	122	115	119	138

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.

Depot: SANMILFL
Unique No: 10561645
Signed: Sean Felton
Report Date: 19 Jul 2023

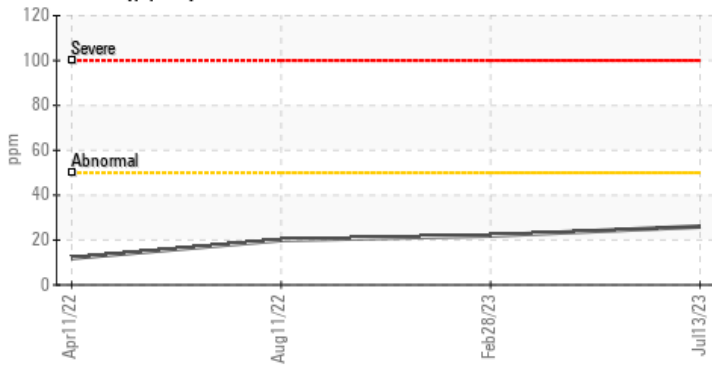


CONSTRUCTION EQUIPMENT

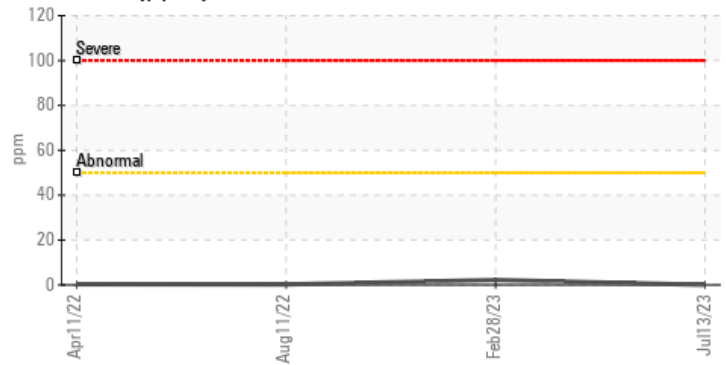


GRAPHS

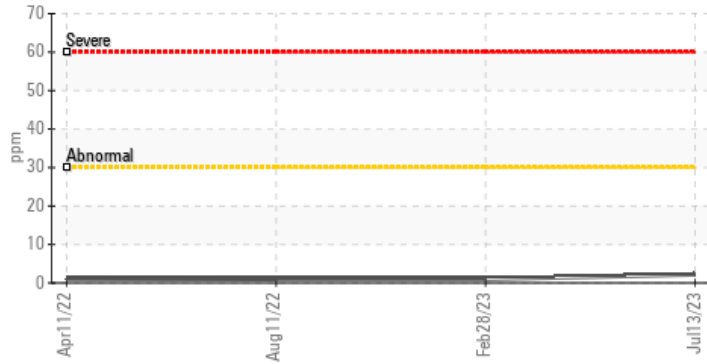
Iron (ppm)



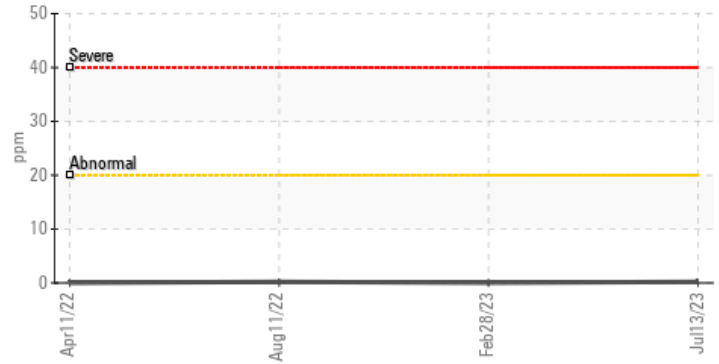
Lead (ppm)



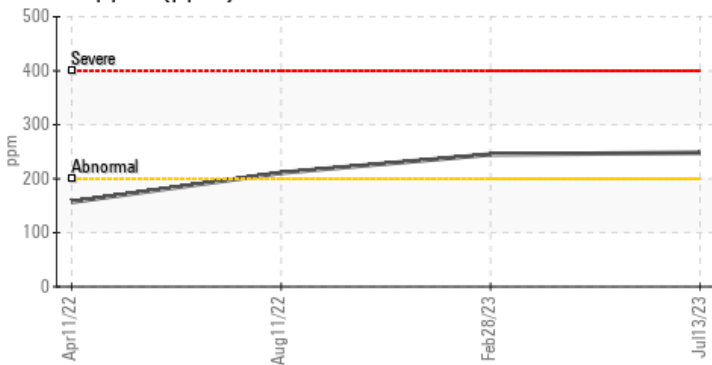
Aluminum (ppm)



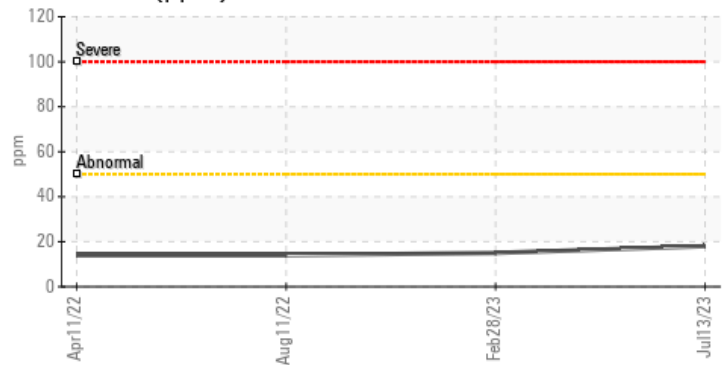
Chromium (ppm)



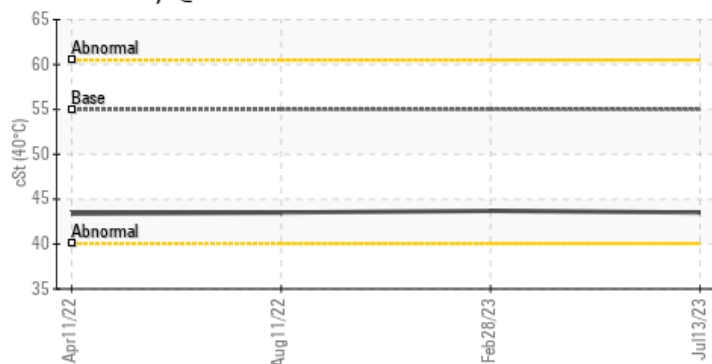
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

