



CONSTRUCTION EQUIPMENT

VOLVO A40G 352810 - BRAKE



Sample No: VCP410091

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP410091	VCP418739	VCP410117	VCP383284
Sample Date	04 Aug 2023	05 Jun 2023	10 Apr 2023	20 Feb 2023
Machine Hours	5500	4941	4420	4017
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
14242 S SH-34
SCURRY, TX
US 75158
Contact: WALLACE WARREN
wallace.warren@lafargeholcim.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	44.4	44.5	44.9	42.4
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CONTAMINATION

Silicon	ppm	14	11	14	18
Sodium	ppm	2	4	4	8
Potassium	ppm	1	0	0	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	19	14	20	30
Copper	ppm	113	85	98	132
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	2	<1	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	1	1	1	<1
Nickel	ppm	5	3	4	6
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2951	2590	3003	3298
Magnesium	ppm	8	9	13	9
Zinc	ppm	1328	1195	1305	1425
Phosphorus	ppm	1136	998	1089	1184
Barium	ppm	2	0	0	<1
Boron	ppm	66	58	67	91

Depot: LATSCU
Unique No: 10603747
Signed: Sean Felton
Report Date: 15 Aug 2023

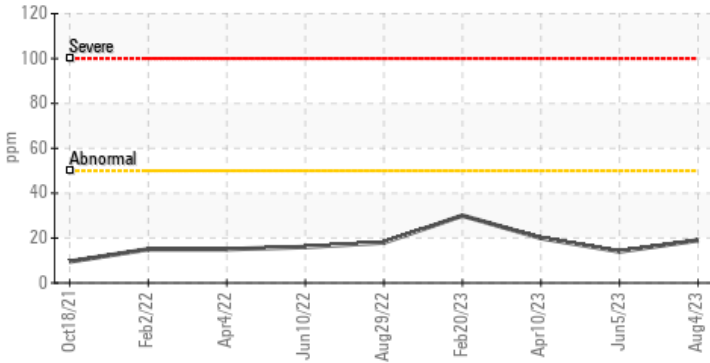


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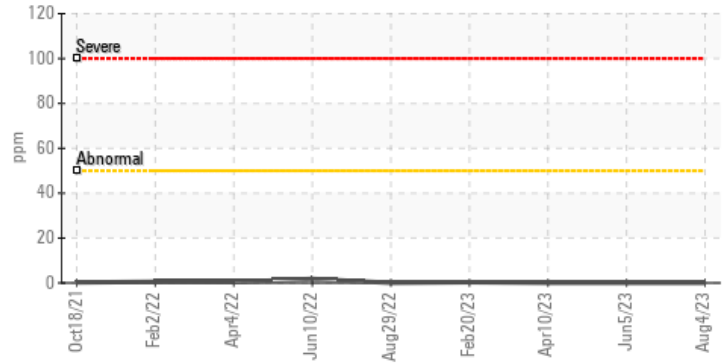


GRAPHS

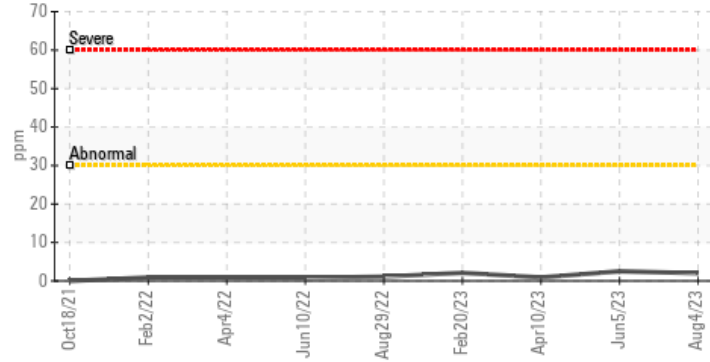
Iron (ppm)



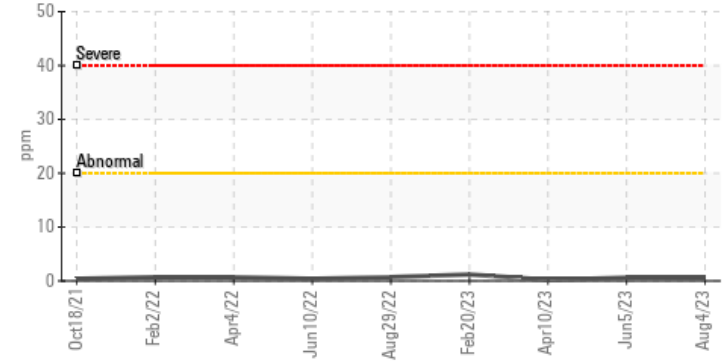
Lead (ppm)



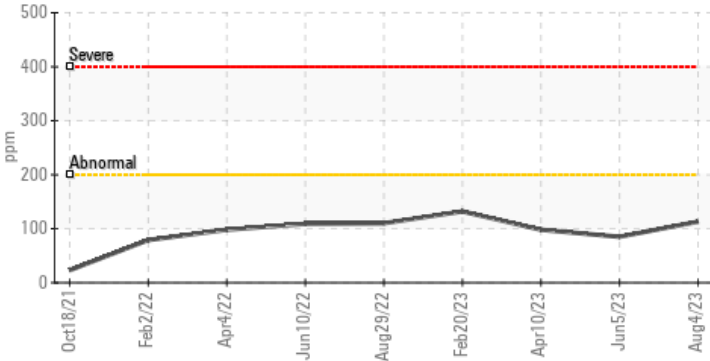
Aluminum (ppm)



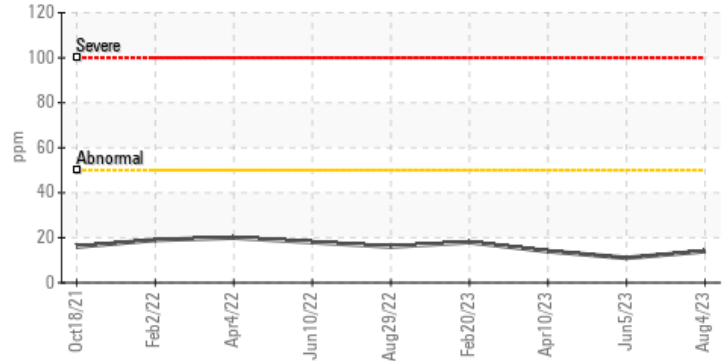
Chromium (ppm)



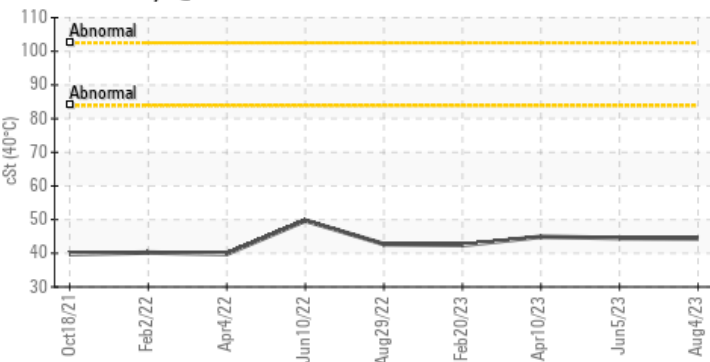
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

