



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP433933

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP433933	VCP395368	VCP388124	VCP389244
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2618	2128	1651	1183
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	48.6	48.5	48.9	48.7
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CONTAMINATION

Silicon	ppm	2	2	2	3
Sodium	ppm	2	2	2	3
Potassium	ppm	1	1	1	0



WEAR METALS

Iron	ppm	96	96	72	85
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	0	<1	0
Chromium	ppm	2	2	1	1
Molybdenum	ppm	<1	2	2	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	5	5	4	5
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	296	293	279	284
Magnesium	ppm	1	1	2	0
Zinc	ppm	127	133	135	111
Phosphorus	ppm	2351	2412	2255	2449
Barium	ppm	0	0	0	0
Boron	ppm	298	275	274	295

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: SAIBIR

Unique No: 10643552

Signed: Sean Felton

Report Date: 13 Sep 2023

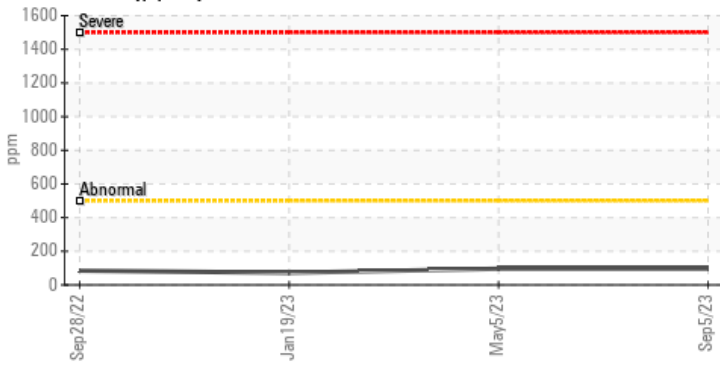


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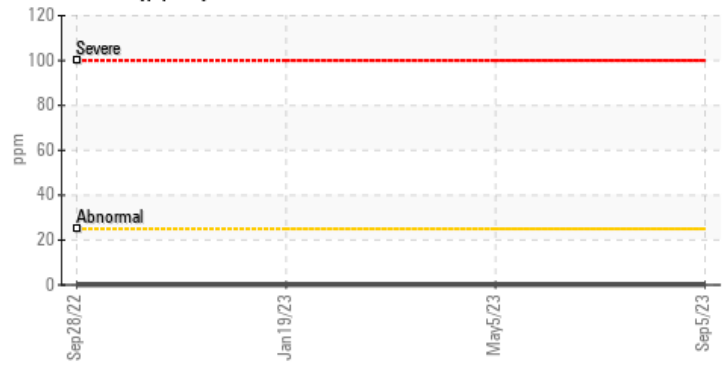


GRAPHS

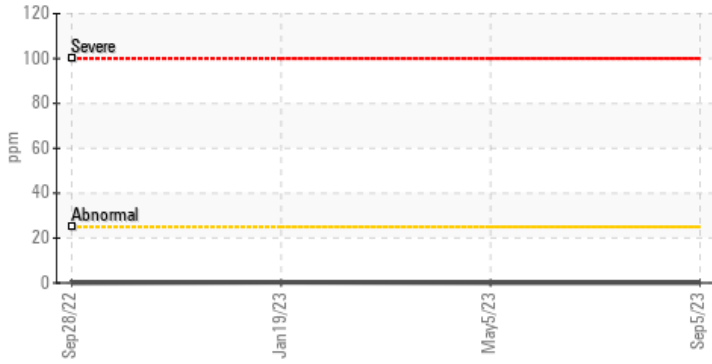
Iron (ppm)



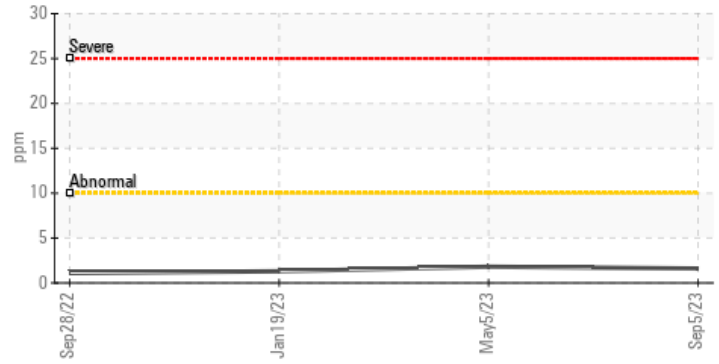
Lead (ppm)



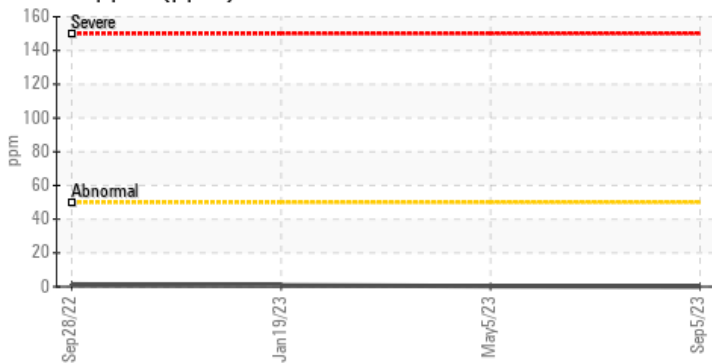
Aluminum (ppm)



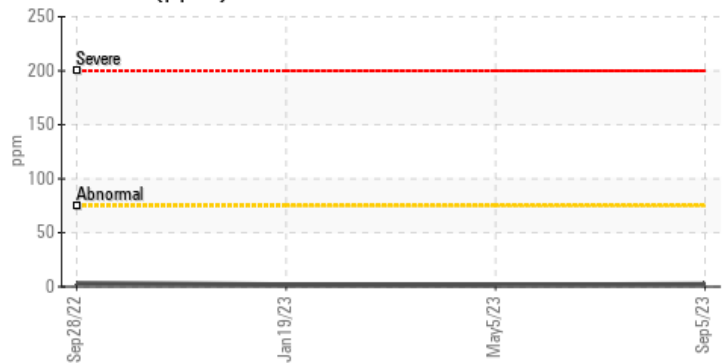
Chromium (ppm)



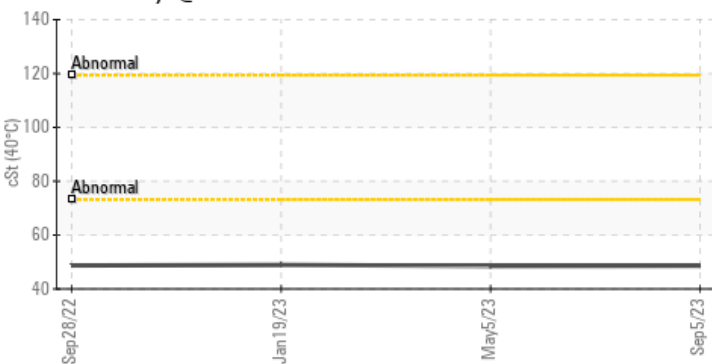
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

