



CONSTRUCTION EQUIPMENT

VOLVO A45G 352969 - TRANSMISSION (AUTO)



Sample No: VCP433940

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP433940	VCP419129	VCP397747	VCP365952
Sample Date	19 Sep 2023	21 Jun 2023	24 Jan 2023	30 Sep 2022
Machine Hours	2491	2003	1469	975
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.4	28.9	36.1
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CONTAMINATION

Silicon	ppm	4	9	8	15
Sodium	ppm	1	0	2	4
Potassium	ppm	1	3	2	1



WEAR METALS

Iron	ppm	14	19	12	21
Copper	ppm	4	8	5	8
Lead	ppm	0	<1	<1	0
Tin	ppm	<1	1	<1	0
Aluminum	ppm	5	6	4	6
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	70	72	71
Magnesium	ppm	2	0	1	0
Zinc	ppm	6	2	7	0
Phosphorus	ppm	183	190	193	170
Barium	ppm	0	0	0	0
Boron	ppm	96	110	97	79

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR

Unique No: 10662742

Signed: Doug Bogart

Report Date: 27 Sep 2023

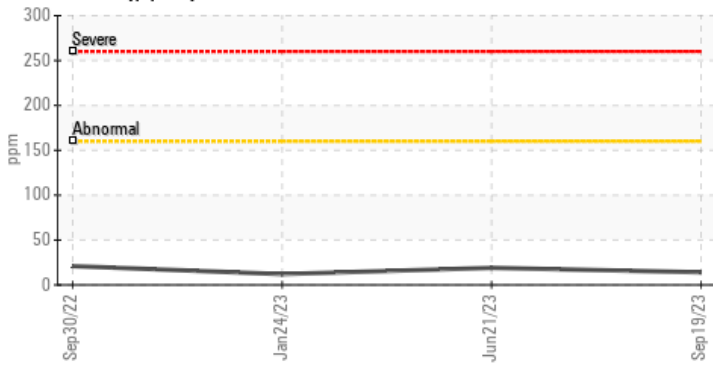


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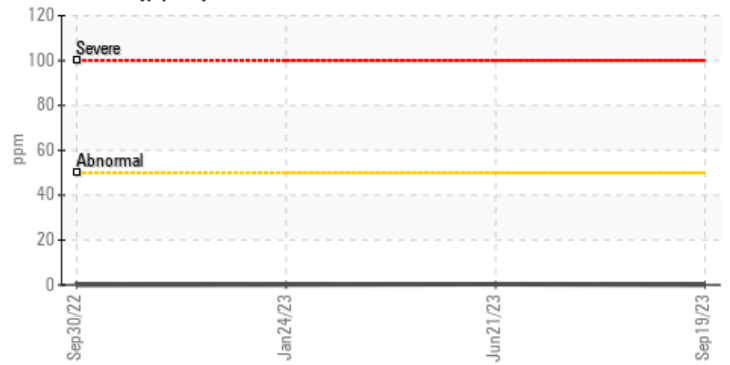


GRAPHS

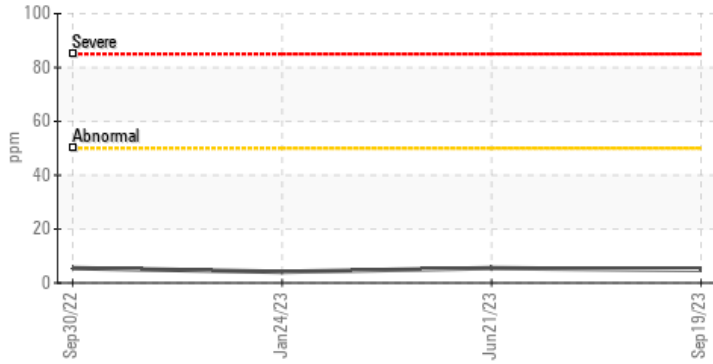
Iron (ppm)



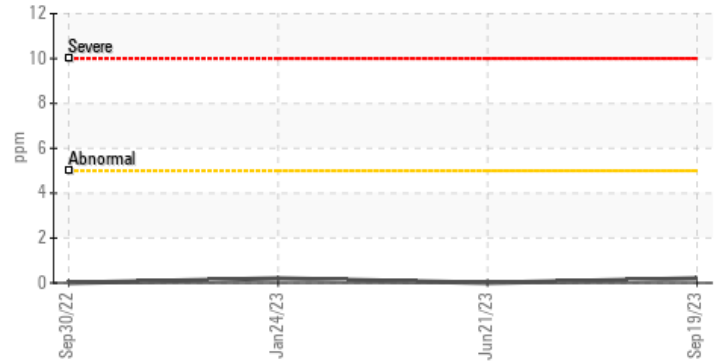
Lead (ppm)



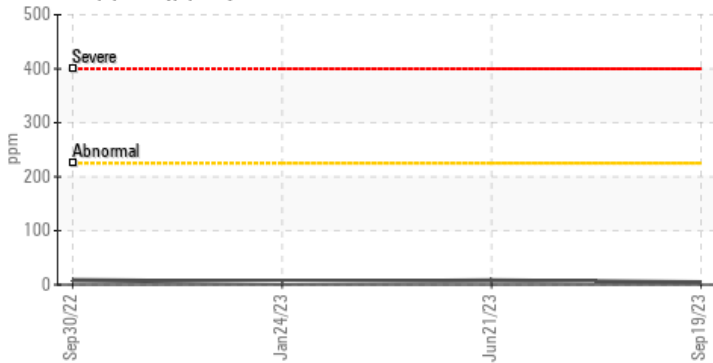
Aluminum (ppm)



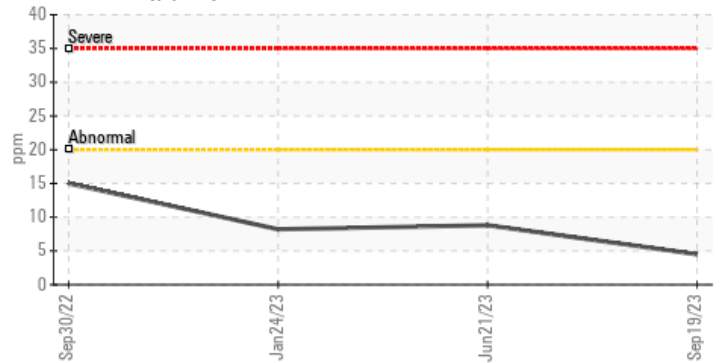
Chromium (ppm)



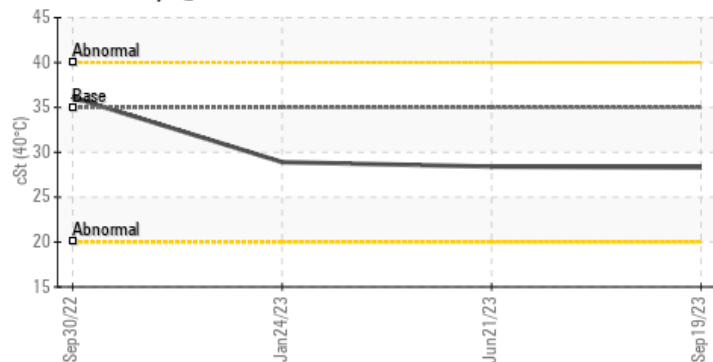
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

