



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - TANK BRAKE



Sample No: VCP429498

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP429498	VCP432962	VCP413245	VCP395355
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	46.1	46.3	46.8	44.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	24	25	27
Sodium	ppm	6	6	3	5
Potassium	ppm	2	0	0	0

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	57	59	64	84
Copper	ppm	138	141	129	168
Lead	ppm	<1	<1	0	2
Tin	ppm	<1	<1	0	0
Aluminum	ppm	3	3	4	3
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	2	4	2
Nickel	ppm	4	2	3	4
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2900	2976	3624	3079
Magnesium	ppm	29	41	35	22
Zinc	ppm	1124	1107	1421	1191
Phosphorus	ppm	951	1035	1211	1097
Barium	ppm	<1	0	0	0
Boron	ppm	84	81	101	70

Depot: SAIBIR

Unique No: 10848660

Signed: Sean Felton

Report Date: 30 Jan 2024

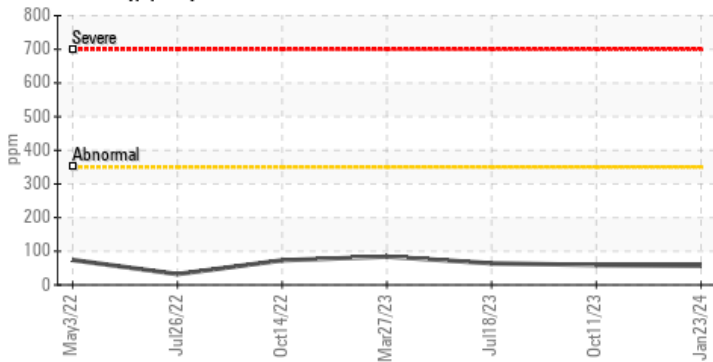


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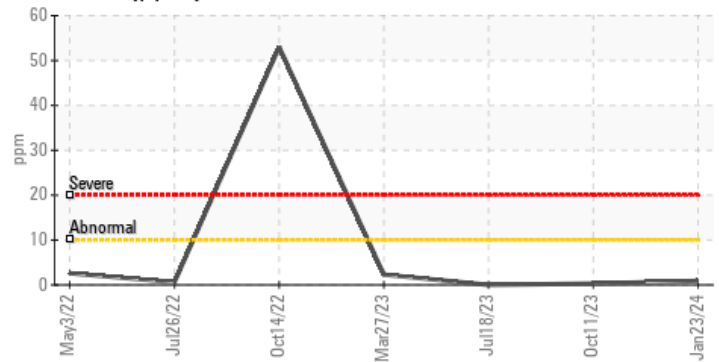


GRAPHS

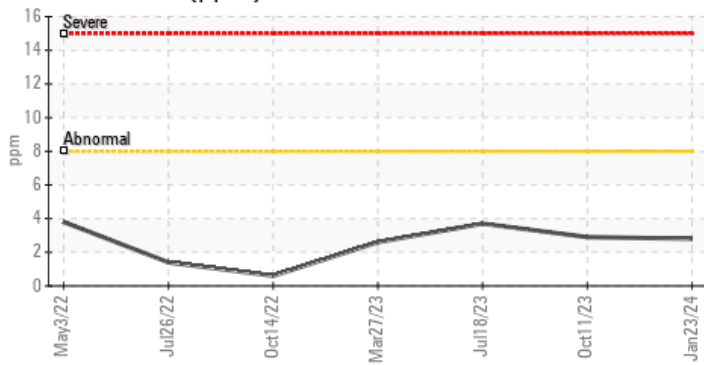
Iron (ppm)



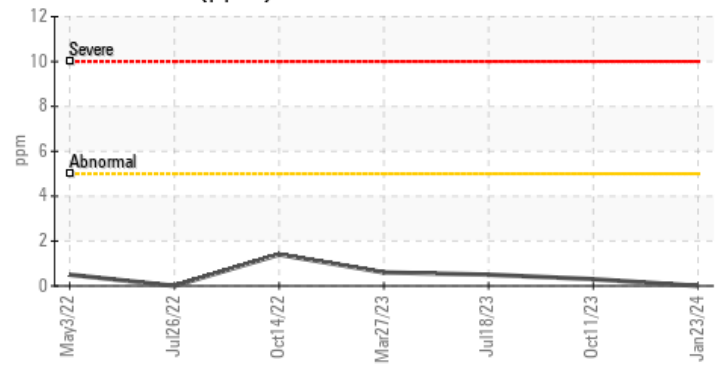
Lead (ppm)



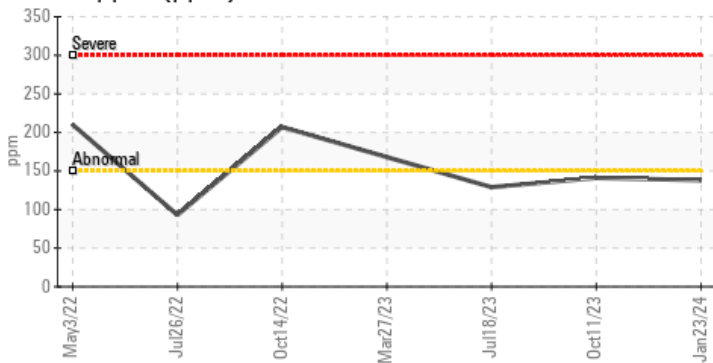
Aluminum (ppm)



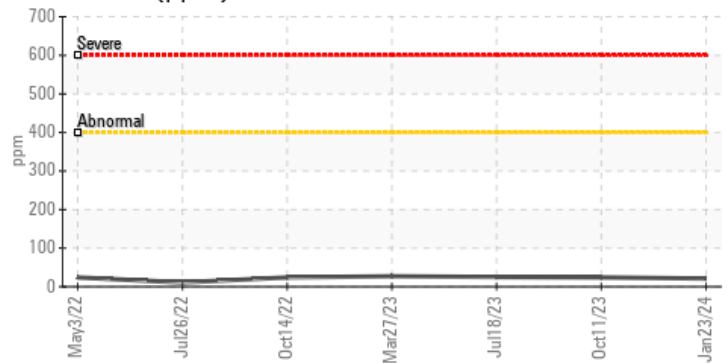
Chromium (ppm)



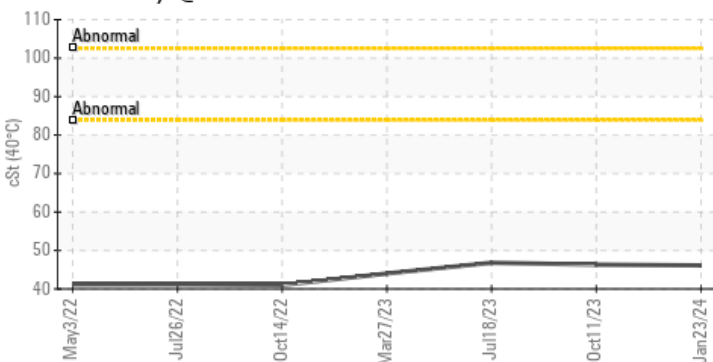
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

