



CONSTRUCTION EQUIPMENT

SWO-071566 VOLVO A45G 352769 - TANK BRAKE



Sample No: VCP454497
Oil Type: {unknown}
Job No: SWO-071566



SAMPLE INFORMATION

Sample Number	VCP454497	VCP441236	VCP419149	VCP401134
Sample Date	01 May 2024	05 Jan 2024	21 Jun 2023	02 Mar 2023
Machine Hours	5450	4942	3875	3355
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.6	43.6	42.2	40.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	20	23	19	19
Sodium	ppm	8	3	11	7
Potassium	ppm	0	3	<1	<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	42	48	31	39
Copper	ppm	111	121	118	120
Lead	ppm	3	<1	2	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	4	0
Chromium	ppm	1	1	1	0
Molybdenum	ppm	2	2	<1	0
Nickel	ppm	5	6	6	5
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3405	3658	2945	3485
Magnesium	ppm	26	26	11	8
Zinc	ppm	1528	1537	1385	1486
Phosphorus	ppm	1274	1289	1182	1241
Barium	ppm	<1	2	0	<1
Boron	ppm	116	140	103	110

Depot: SAIBIR
Unique No: 11020290
Signed: Angela Borella
Report Date: 13 May 2024

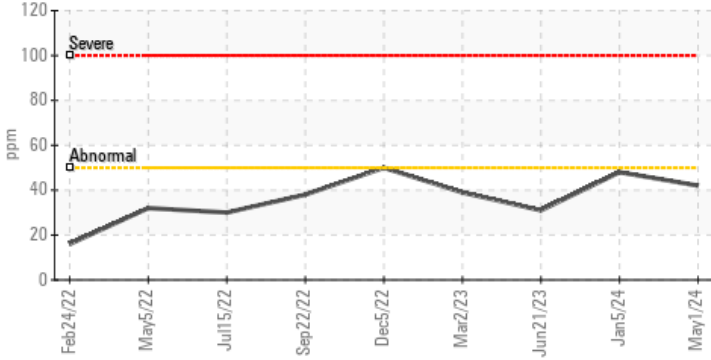


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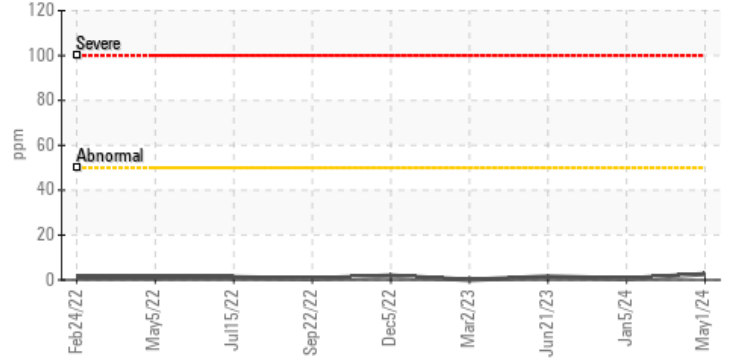


GRAPHS

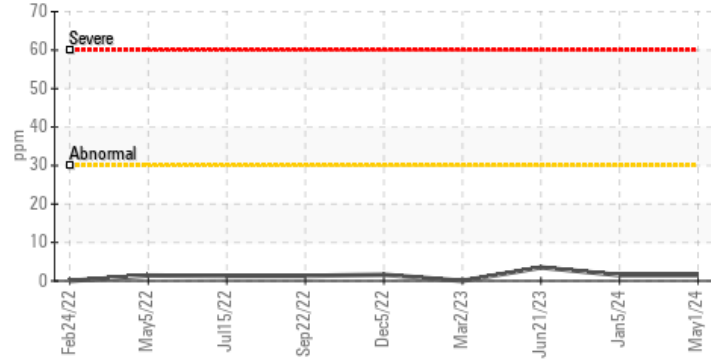
Iron (ppm)



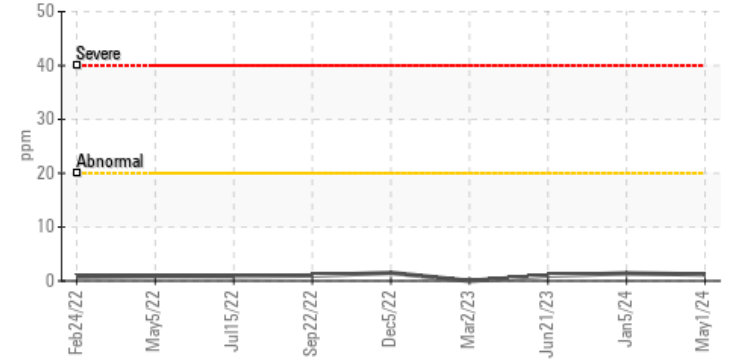
Lead (ppm)



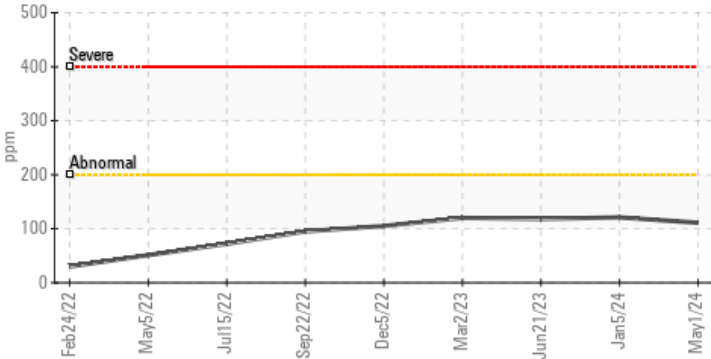
Aluminum (ppm)



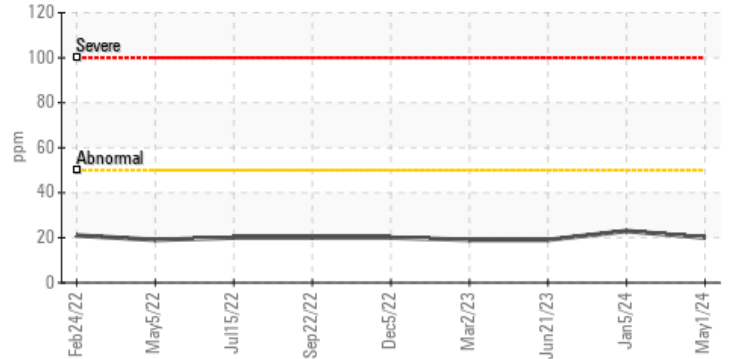
Chromium (ppm)



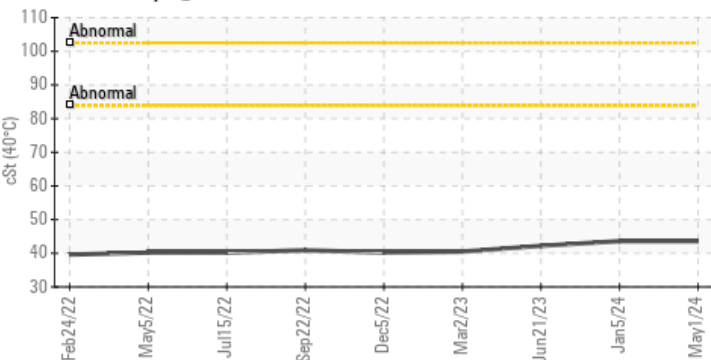
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

