



CONSTRUCTION EQUIPMENT

SWO-068706 VOLVO A45G 352134 - TRANSMISSION (AUTO)



Sample No: VCP435643
Oil Type: {unknown}
Job No: SWO-068706



SAMPLE INFORMATION

Sample Number	VCP435643	VCP431053	VCP431975	VCP416723
Sample Date	04 Jan 2024	22 Nov 2023	26 Sep 2023	31 Jul 2023
Machine Hours	8960	8724	8228	7719
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.4	27.7	27.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	3
Sodium	ppm	0	2	3	<1
Potassium	ppm	2	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	10	7	16	13
Copper	ppm	27	19	37	30
Lead	ppm	<1	0	0	0
Tin	ppm	3	2	5	3
Aluminum	ppm	2	2	8	6
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	5	3	6	6
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	78	79	86	88
Magnesium	ppm	3	2	1	4
Zinc	ppm	0	7	<1	10
Phosphorus	ppm	198	198	174	167
Barium	ppm	2	0	0	0
Boron	ppm	109	86	84	101

Depot: SAIBIR
Unique No: 10831095
Signed: Don Baldrige
Report Date: 16 Jan 2024

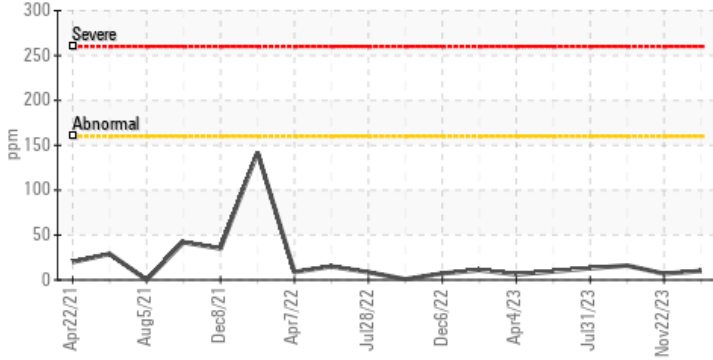


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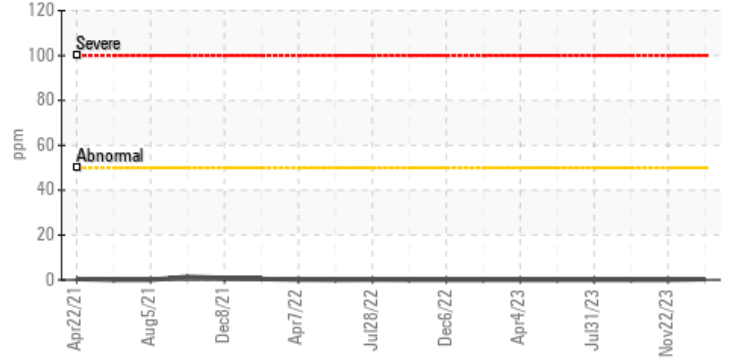


GRAPHS

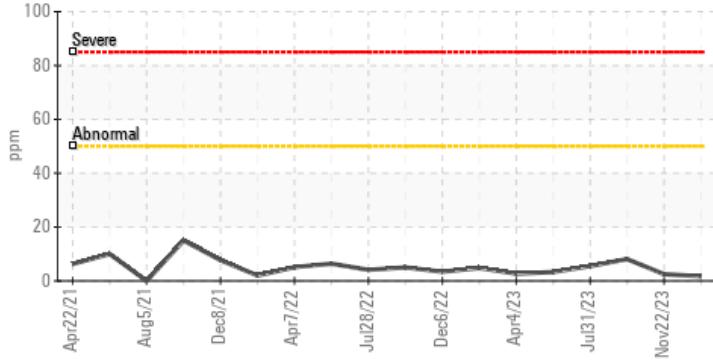
Iron (ppm)



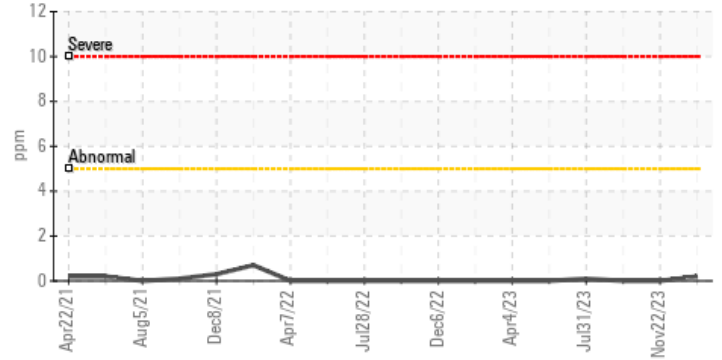
Lead (ppm)



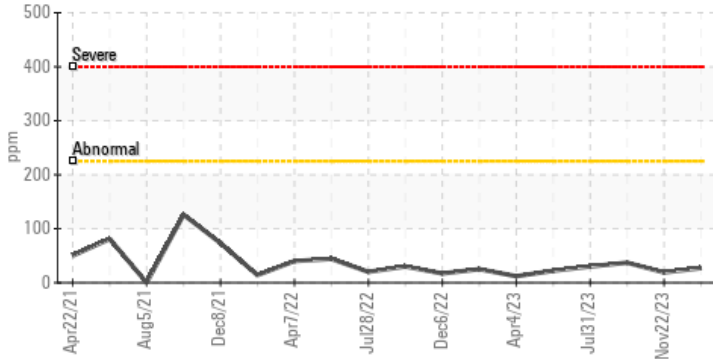
Aluminum (ppm)



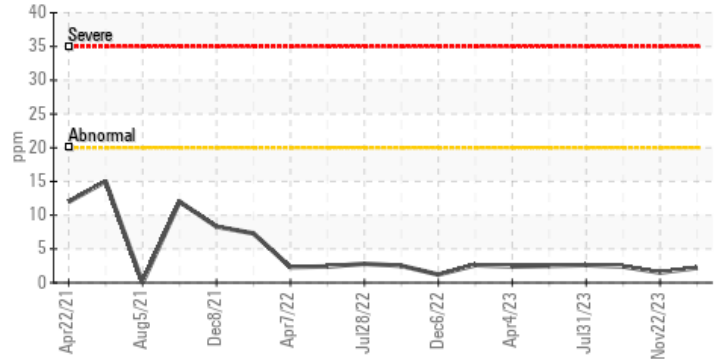
Chromium (ppm)



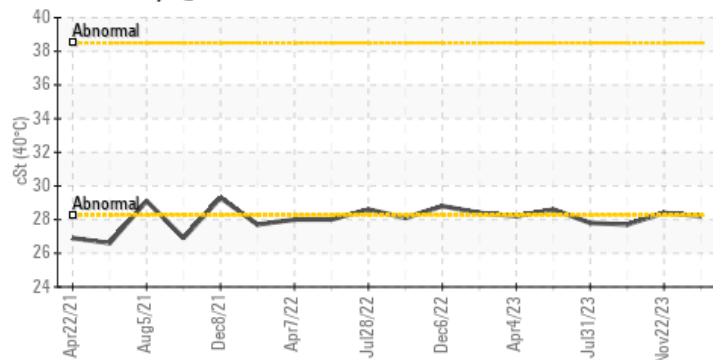
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

