



CONSTRUCTION EQUIPMENT

SWO-068628 VOLVO A45G 353092 - TRANSMISSION (AUTO)



Sample No: VCP443285
Oil Type: DEXRON III
Job No: SWO-068628



SAMPLE INFORMATION

Sample Number	VCP443285	VCP428969	VCP407572	VCP394002
Sample Date	03 Jan 2024	19 Sep 2023	09 Jun 2023	23 Feb 2023
Machine Hours	2545	2012	1497	1000
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.6	27.8	35.1	28.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	18	16	20
Sodium	ppm	<1	3	4	4
Potassium	ppm	2	5	5	4

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	20	40	33	28
Copper	ppm	15	33	24	22
Lead	ppm	<1	<1	0	0
Tin	ppm	3	4	3	2
Aluminum	ppm	13	26	19	12
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	3	4	4	2
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	99	74	76
Magnesium	ppm	2	5	<1	7
Zinc	ppm	0	17	0	27
Phosphorus	ppm	214	187	198	180
Barium	ppm	0	0	0	0
Boron	ppm	86	69	80	78

Depot: SAIBIR
Unique No: 10820405
Signed: Sean Felton
Report Date: 10 Jan 2024

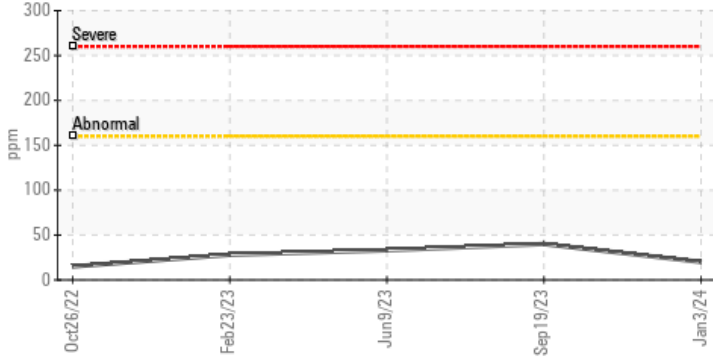


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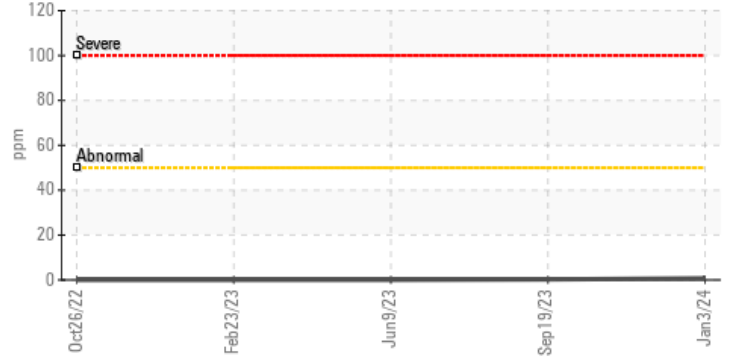


GRAPHS

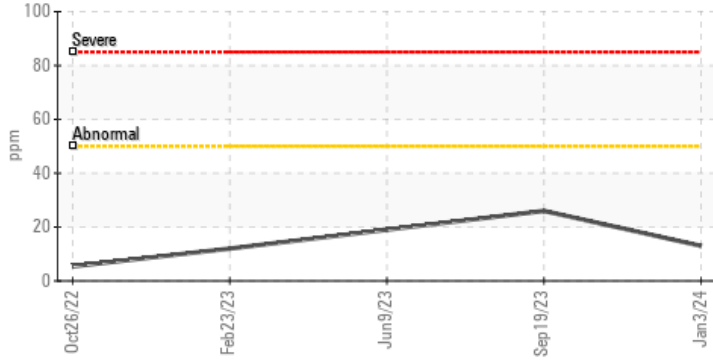
Iron (ppm)



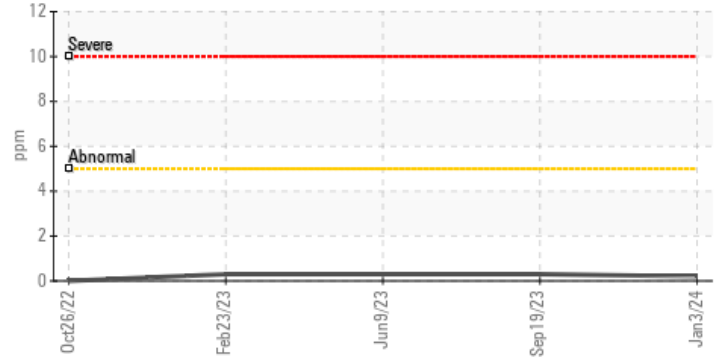
Lead (ppm)



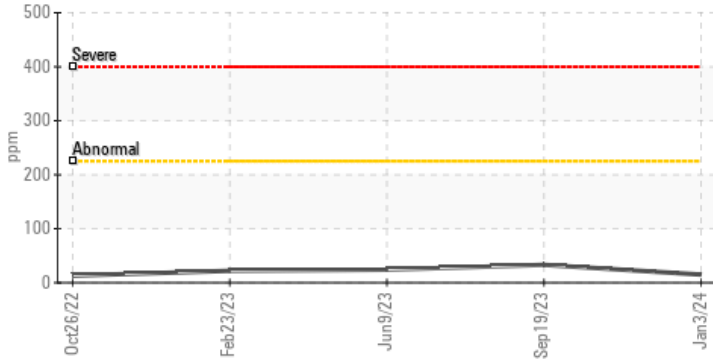
Aluminum (ppm)



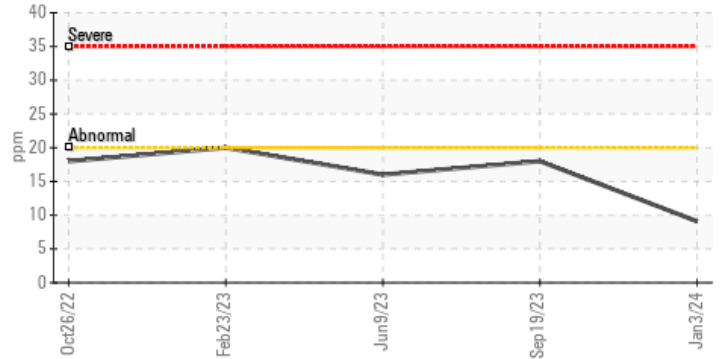
Chromium (ppm)



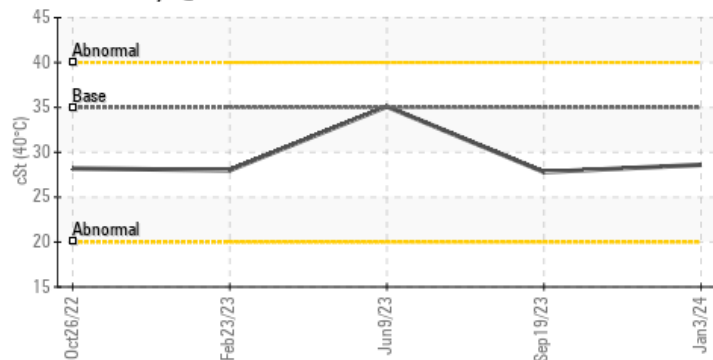
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

