



CONSTRUCTION EQUIPMENT

SWO-071569 VOLVO A45G 353092 - TRANSMISSION (AUTO)



Sample No: VCP453640
Oil Type: DEXRON III
Job No: SWO-071569



SAMPLE INFORMATION

Sample Number	VCP453640	VCP443285	VCP428969	VCP407572
Sample Date	02 May 2024	03 Jan 2024	19 Sep 2023	09 Jun 2023
Machine Hours	3022	2545	2012	1497
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	30.5	28.6	27.8	35.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	9	18	16
Sodium	ppm	4	<1	3	4
Potassium	ppm	3	2	5	5

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	29	20	40	33
Copper	ppm	21	15	33	24
Lead	ppm	0	<1	<1	0
Tin	ppm	3	3	4	3
Aluminum	ppm	20	13	26	19
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	3	3	4	4
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	96	73	99	74
Magnesium	ppm	3	2	5	<1
Zinc	ppm	7	0	17	0
Phosphorus	ppm	272	214	187	198
Barium	ppm	0	0	0	0
Boron	ppm	134	86	69	80

Depot: SAIBIR
Unique No: 11020484
Signed: Don Baldrige
Report Date: 13 May 2024

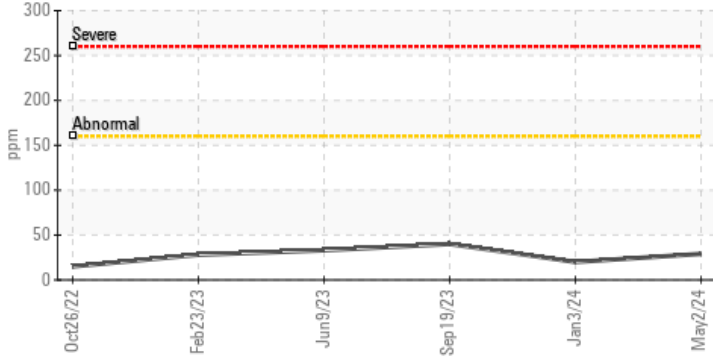


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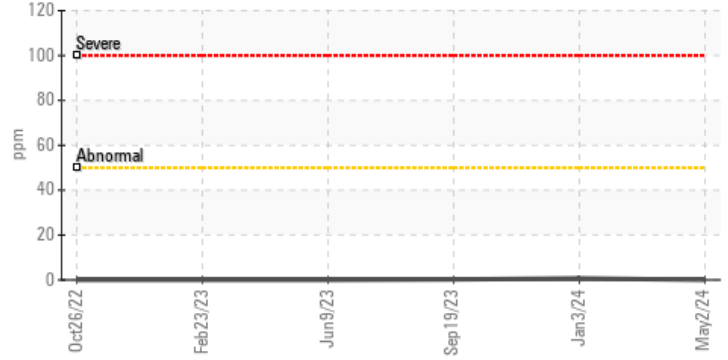


GRAPHS

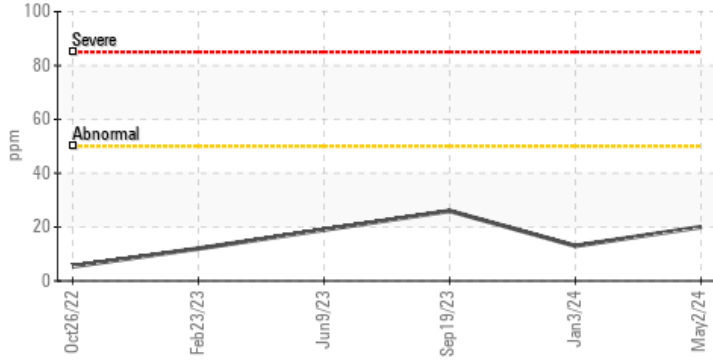
Iron (ppm)



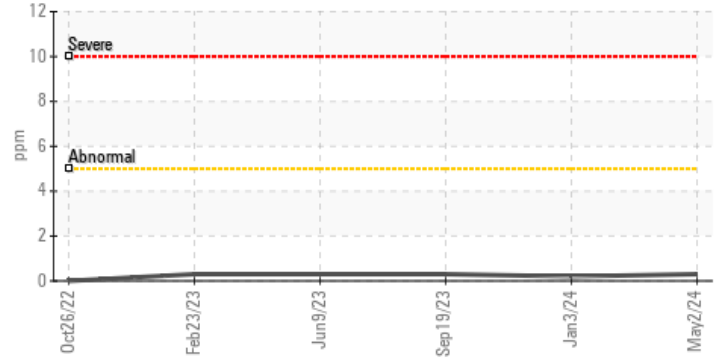
Lead (ppm)



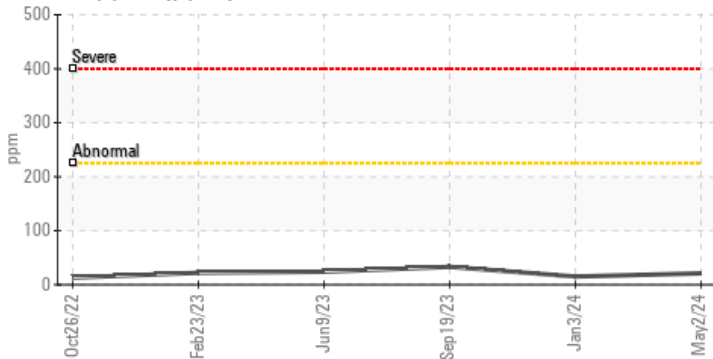
Aluminum (ppm)



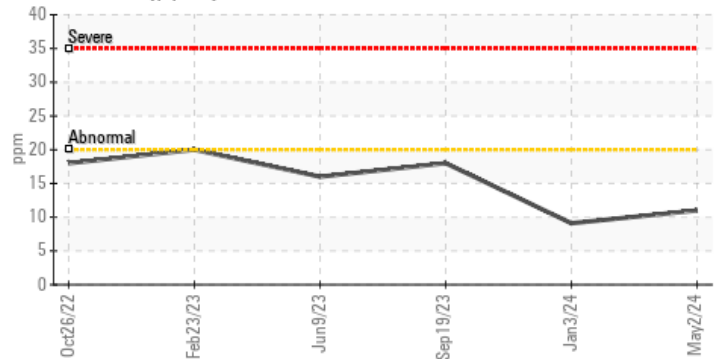
Chromium (ppm)



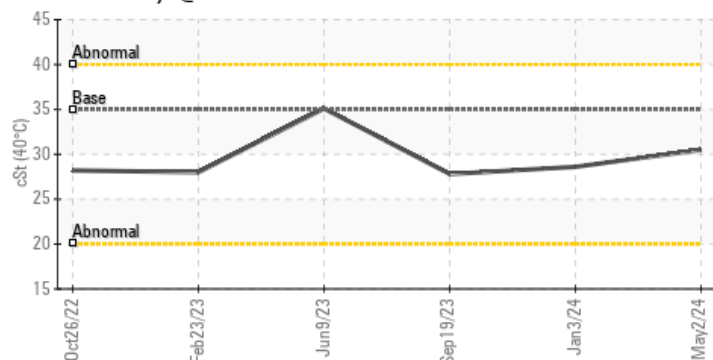
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

