



CONSTRUCTION EQUIPMENT

SWO-068028 VOLVO A45G 352915 - TRANSMISSION (AUTO)



Sample No: VCP447542
Oil Type: DEXRON III
Job No: SWO-068028



SAMPLE INFORMATION

Sample Number	VCP447542	VCP413516	VCP414102	VCP397702
Sample Date	06 Dec 2023	15 Aug 2023	26 May 2023	19 Jan 2023
Machine Hours	2854	2344	1912	1420
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	28.0	28.2	27.9	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	10	12
Sodium	ppm	6	1	10	10
Potassium	ppm	2	4	6	8



WEAR METALS

Iron	ppm	51	52	124	120
Copper	ppm	27	27	50	46
Lead	ppm	0	<1	0	1
Tin	ppm	2	2	5	4
Aluminum	ppm	10	8	16	13
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	4	4	8	7
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	8	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	77	71	71
Magnesium	ppm	3	4	5	6
Zinc	ppm	63	69	179	179
Phosphorus	ppm	181	180	189	182
Barium	ppm	0	0	0	0
Boron	ppm	62	68	16	19

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.

Depot: SAIBIR
Unique No: 10780834
Signed: Don Baldrige
Report Date: 14 Dec 2023

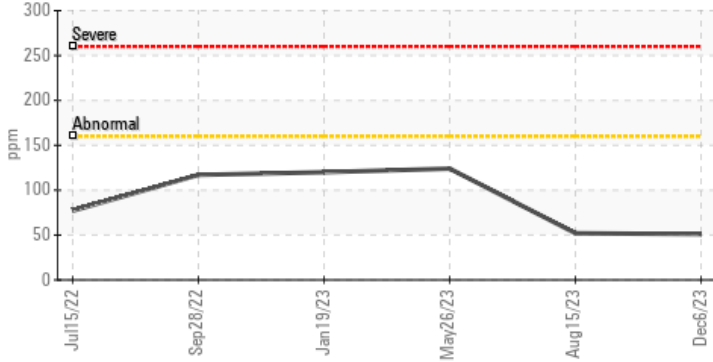


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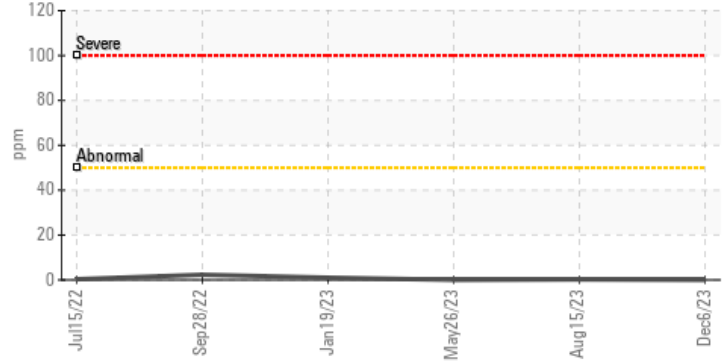


GRAPHS

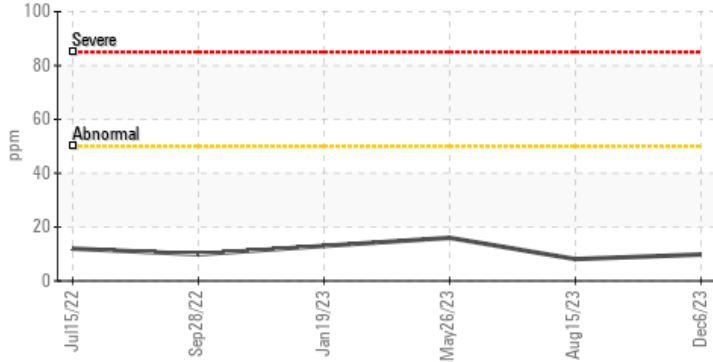
Iron (ppm)



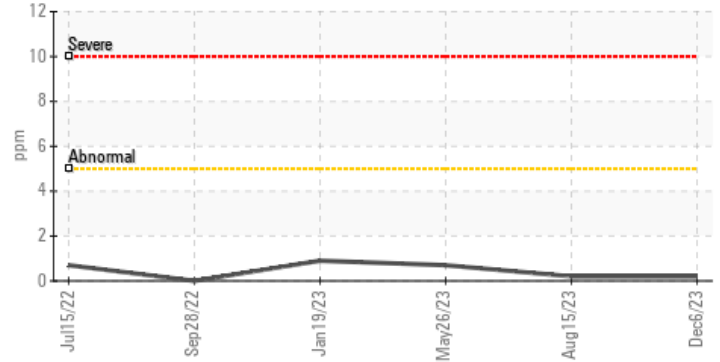
Lead (ppm)



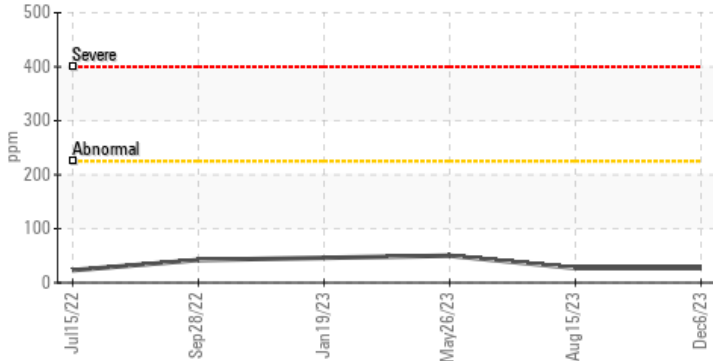
Aluminum (ppm)



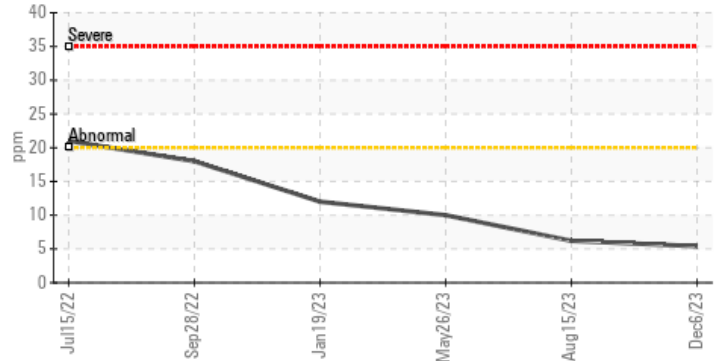
Chromium (ppm)



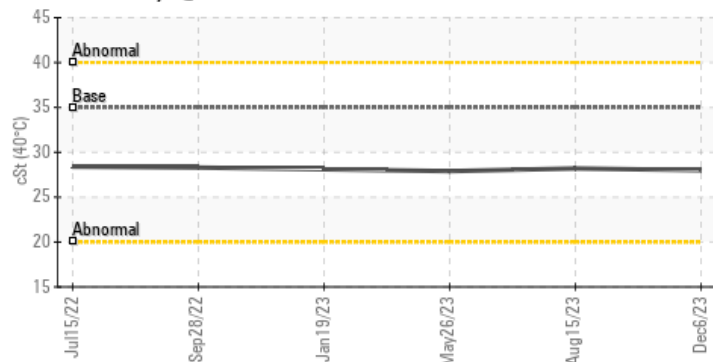
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

