



CONSTRUCTION EQUIPMENT

SWO-066750 VOLVO A45G 352736 - BRAKE



Sample No: VCP431962
Oil Type: NOT GIVEN
Job No: SWO-066750



SAMPLE INFORMATION

Sample Number	VCP431962	VCP418152	VCP400732	VCP397970
Sample Date	25 Oct 2023	01 Aug 2023	02 May 2023	07 Dec 2022
Machine Hours	4412	7719	3396	2918
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
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 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	43.0	40.0	40.0	40.1
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CONTAMINATION

Silicon	ppm	21	23	22	24
Sodium	ppm	4	8	10	11
Potassium	ppm	3	1	<1	<1



WEAR METALS

Iron	ppm	40	51	41	72
Copper	ppm	121	158	139	137
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	3	<1	1
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	2	0	<1	0
Nickel	ppm	5	7	6	5
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3263	3372	3395	3773
Magnesium	ppm	21	9	13	9
Zinc	ppm	1441	1490	1544	1594
Phosphorus	ppm	1264	1309	1280	1262
Barium	ppm	0	0	0	0
Boron	ppm	109	149	102	117

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 10715018
Signed: Sean Felton
Report Date: 31 Oct 2023

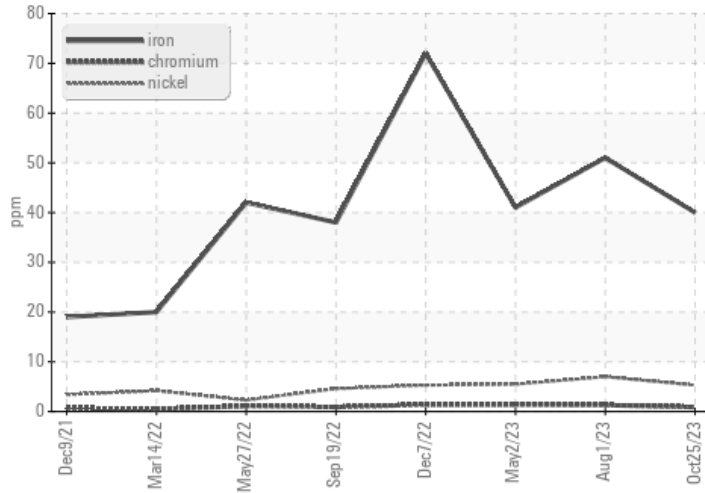


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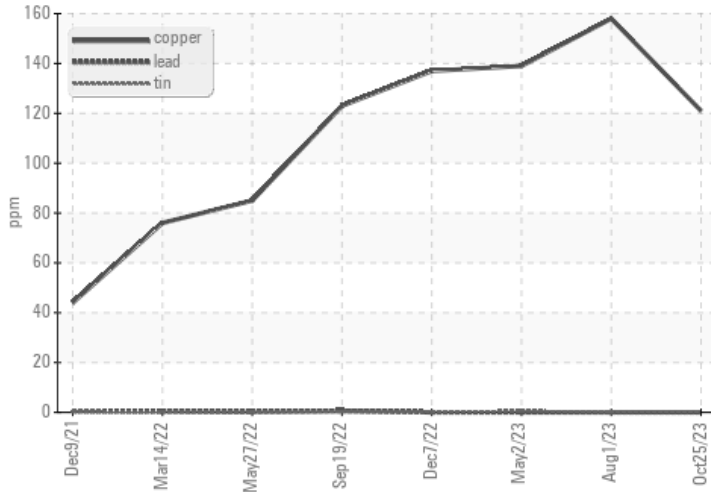


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

