



CONSTRUCTION EQUIPMENT

SWO-066739 VOLVO A45G 352639 - BRAKE



Sample No: VCP433497
Oil Type: NOT GIVEN
Job No: SWO-066739



SAMPLE INFORMATION

Sample Number	VCP433497	VCP416368	VCP410480	VCP395370
Sample Date	23 Oct 2023	07 Aug 2023	12 May 2023	17 Feb 2023
Machine Hours	4956	4377	3923	3418
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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 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	43.9	39.9	40.2
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CONTAMINATION

Silicon	ppm	16	16	20	19
Sodium	ppm	6	4	9	9
Potassium	ppm	2	2	1	0



WEAR METALS

Iron	ppm	20	17	27	29
Copper	ppm	148	155	200	189
Lead	ppm	<1	0	0	2
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	2	1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	2	3	0	0
Nickel	ppm	5	5	7	6
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2444	3082	3219	3188
Magnesium	ppm	22	22	6	16
Zinc	ppm	1190	1336	1433	1330
Phosphorus	ppm	1127	1190	1218	1152
Barium	ppm	0	2	0	0
Boron	ppm	108	111	111	121

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: 10715040
Signed: Sean Felton
Report Date: 31 Oct 2023

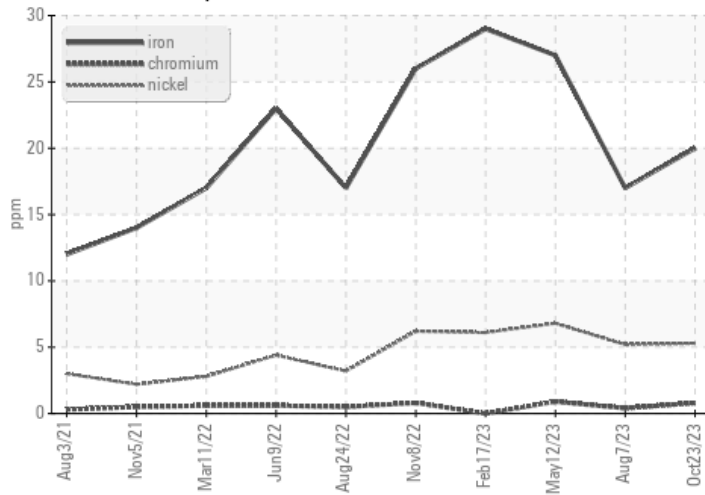


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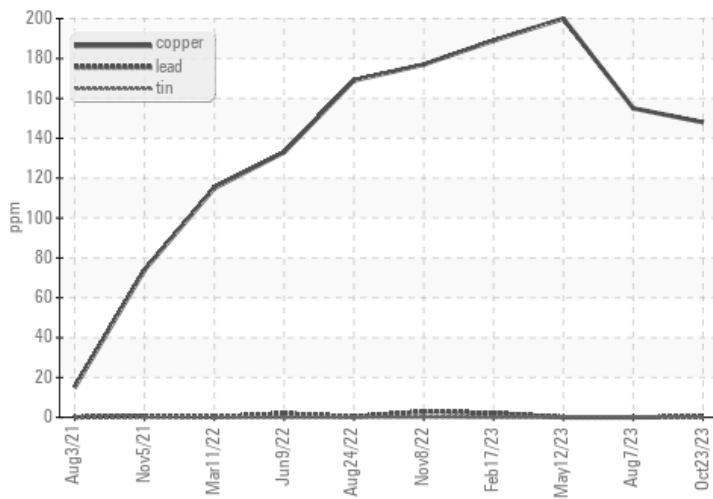


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

