



CONSTRUCTION EQUIPMENT

SWO-066738 VOLVO A45G 352799 - REAR AXLE



Sample No: VCP428926
Oil Type: NOT GIVEN
Job No: SWO-066738



SAMPLE INFORMATION

Sample Number	VCP428926	VCP417788	VCP405918	VCP369029
Sample Date	25 Oct 2023	12 Jul 2023	29 Mar 2023	16 Nov 2022
Machine Hours	4451	3946	3445	2976
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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



OIL CONDITION

Visc @ 40°C	cSt	291	149	150	152
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CONTAMINATION

Silicon	ppm	6	9	11	10
Sodium	ppm	0	9	8	9
Potassium	ppm	2	2	6	2



WEAR METALS

Iron	ppm	39	317	366	285
Copper	ppm	<1	4	2	1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	1	3	2
Chromium	ppm	<1	5	6	5
Molybdenum	ppm	18	6	6	6
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	14	14	12
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	225	2857	3072	2728
Magnesium	ppm	27	29	35	29
Zinc	ppm	123	1189	1397	1145
Phosphorus	ppm	1053	1135	1194	1038
Barium	ppm	0	2	0	3
Boron	ppm	170	44	34	34

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: 10715029
Signed: Sean Felton
Report Date: 31 Oct 2023

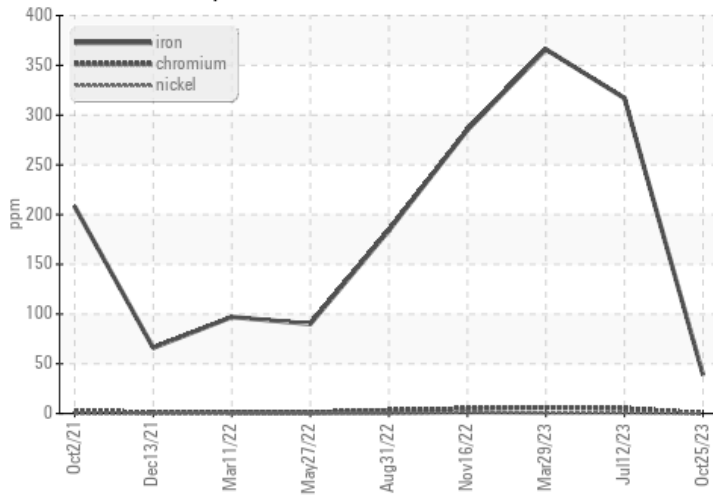


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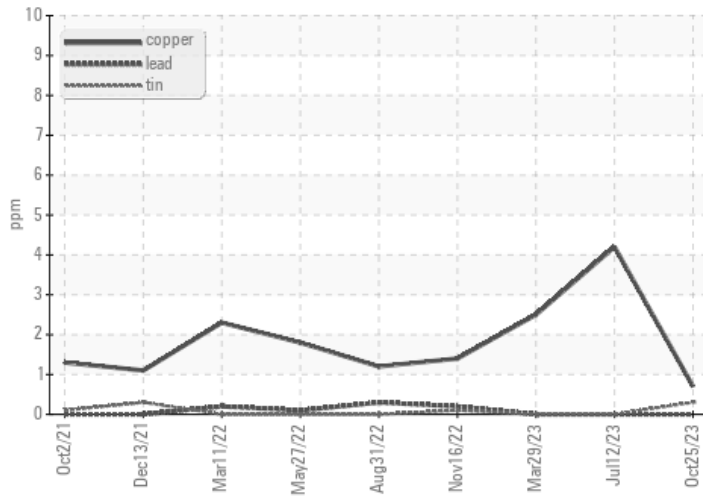


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

