



CONSTRUCTION EQUIPMENT

SWO-066739 VOLVO A45G 352698 - TRANSMISSION (AUTO)



Sample No: VCP427469
Oil Type: NOT GIVEN
Job No: SWO-066739



SAMPLE INFORMATION

Sample Number	VCP427469	VCP406872	VCP408685	VCP367724
Sample Date	23 Oct 2023	07 Aug 2023	16 May 2023	17 Jan 2023
Machine Hours	5103	4553	4038	3513
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.4	28.7	29.0
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CONTAMINATION

Silicon	ppm	4	▲ 22	4	5
Sodium	ppm	<1	<1	<1	2
Potassium	ppm	2	2	2	<1



WEAR METALS

Iron	ppm	10	14	13	13
Copper	ppm	7	6	10	9
Lead	ppm	<1	0	0	0
Tin	ppm	2	<1	2	1
Aluminum	ppm	5	▲ 22	6	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	1	<1	2	1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	83	70	74
Magnesium	ppm	3	8	1	<1
Zinc	ppm	5	16	3	0
Phosphorus	ppm	194	179	188	199
Barium	ppm	0	0	0	0
Boron	ppm	95	82	86	91

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: 10715079
Signed: Angela Borella
Report Date: 31 Oct 2023

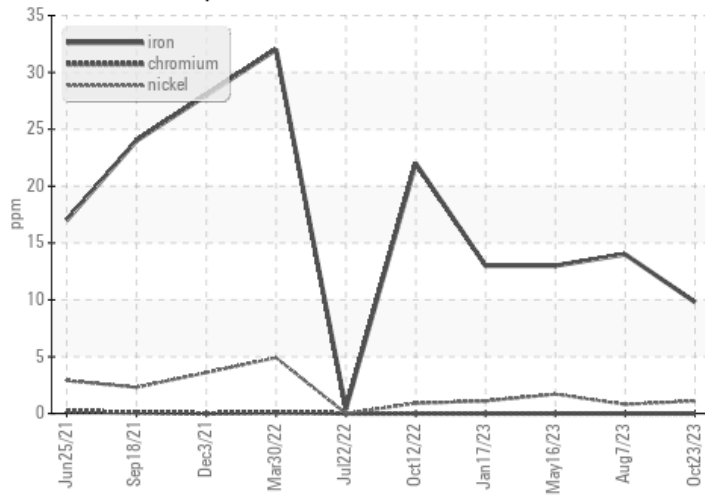


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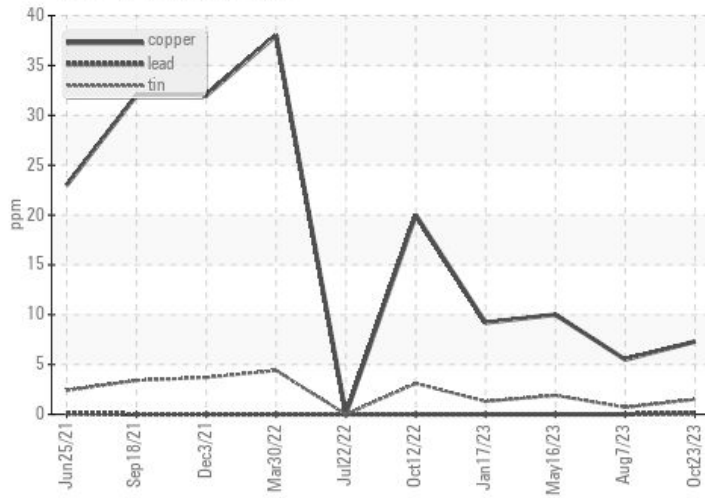


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

