



CONSTRUCTION EQUIPMENT

SWO-064669 VOLVO A45G 352698 - DROP BOX



Sample No: VCP406871
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-064669



SAMPLE INFORMATION

Sample Number	VCP406871	VCP410138	VCP367723	VCP388303
Sample Date	07 Aug 2023	16 May 2023	17 Jan 2023	12 Oct 2022
Machine Hours	4553	4038	3513	3026
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	295	216	194	47.5
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CONTAMINATION

Silicon	ppm	8	13	12	49
Sodium	ppm	0	<1	2	8
Potassium	ppm	1	2	0	2



WEAR METALS

Iron	ppm	21	72	90	179
Copper	ppm	1	4	4	13
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	<1	1	2	2
Molybdenum	ppm	4	9	11	6
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	110	113	75
Magnesium	ppm	16	21	21	6
Zinc	ppm	60	96	76	148
Phosphorus	ppm	1061	1176	1132	2123
Barium	ppm	2	0	0	0
Boron	ppm	198	145	162	137

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10603736
Signed: Don Baldrige
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

