



CONSTRUCTION EQUIPMENT

VOLVO A45G 352565 - DROP BOX



Sample No: VCP428940
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP428940	VCP431981	VCP416372	VCP413219
Sample Date	06 Dec 2023	03 Oct 2023	31 Jul 2023	31 May 2023
Machine Hours	8568	8080	7625	7148
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	280	277	275	273
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	6	5
Sodium	ppm	0	<1	0	1
Potassium	ppm	1	1	<1	<1

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.



WEAR METALS

Iron	ppm	236	354	292	233
Copper	ppm	3	6	6	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	2	5	4	3
Molybdenum	ppm	10	7	6	5
Nickel	ppm	1	3	2	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	4	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	108	48	48	76
Magnesium	ppm	46	33	35	35
Zinc	ppm	108	98	92	87
Phosphorus	ppm	974	1025	1022	1025
Barium	ppm	0	0	0	0
Boron	ppm	136	93	97	112

Depot: SAIBIR
Unique No: 10789020
Signed: Don Baldrige
Report Date: 17 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

