



CONSTRUCTION EQUIPMENT

SWO-067073 VOLVO A45G 352702 - DROP BOX



Sample No: VCP433642
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-067073



SAMPLE INFORMATION

Sample Number	VCP433642	VCP427489	VCP410134	VCP393931
Sample Date	07 Nov 2023	15 Aug 2023	18 May 2023	20 Dec 2022
Machine Hours	3950	3389	2923	2406
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	210	211	209	208
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CONTAMINATION

Silicon	ppm	24	14	12	12
Sodium	ppm	2	2	3	3
Potassium	ppm	<1	<1	2	0



WEAR METALS

Iron	ppm	148	82	47	30
Copper	ppm	<1	2	2	1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	1	1	0	0
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	5	6	7	6
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	3
Manganese	ppm	2	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	86	107	140	97
Magnesium	ppm	19	22	23	23
Zinc	ppm	71	85	90	79
Phosphorus	ppm	1055	1291	1257	1187
Barium	ppm	0	0	0	0
Boron	ppm	108	170	163	143

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: 10739707
Signed: Sean Felton
Report Date: 15 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

