



CONSTRUCTION EQUIPMENT

SWO-065063 VOLVO A45G 352734 - DROP BOX



Sample No: VCP427327
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-065063



SAMPLE INFORMATION

Sample Number	VCP427327	VCP382602	VCP380792	VCP384135
Sample Date	21 Aug 2023	27 Apr 2023	17 Jan 2023	27 Oct 2022
Machine Hours	3997	3463	2987	2576
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	SEVERE

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	269	269	258	127
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CONTAMINATION

Silicon	ppm	4	6	6	12
Sodium	ppm	<1	0	2	6
Potassium	ppm	0	1	<1	0



WEAR METALS

Iron	ppm	410	268	202	1533
Copper	ppm	2	2	2	8
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	<1	1	5
Chromium	ppm	4	2	3	18
Molybdenum	ppm	6	5	4	12
Nickel	ppm	4	2	1	14
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	3	14
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	182	165	504	2356
Magnesium	ppm	56	49	22	24
Zinc	ppm	188	176	273	972
Phosphorus	ppm	1075	1029	971	1217
Barium	ppm	0	0	1	6
Boron	ppm	135	130	113	82

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: 10622848
Signed: Don Baldrige
Report Date: 31 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

