



CONSTRUCTION EQUIPMENT

SWO-064855 VOLVO A45G 352915 - DROP BOX



Sample No: VCP413517
Oil Type: NOT GIVEN
Job No: SWO-064855



SAMPLE INFORMATION

Sample Number	VCP413517	VCP414106	VCP397696	VCP365953
Sample Date	15 Aug 2023	26 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2344	1912	1420	978
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	53.4	53.9	54.3	54.7
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CONTAMINATION

Silicon	ppm	36	35	34	29
Sodium	ppm	6	8	7	5
Potassium	ppm	2	1	2	0



WEAR METALS

Iron	ppm	186	119	90	63
Copper	ppm	15	13	13	12
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	<1	<1	0
Chromium	ppm	2	1	1	<1
Molybdenum	ppm	5	6	7	6
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	5	3	2	3
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	36	52	58	44
Magnesium	ppm	4	4	3	0
Zinc	ppm	105	87	86	46
Phosphorus	ppm	2195	2217	2120	2283
Barium	ppm	0	0	<1	0
Boron	ppm	119	111	133	141

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: 10617660
Signed: Doug Bogart
Report Date: 28 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

