



CONSTRUCTION EQUIPMENT

SWO-071569 VOLVO A45G 353090 - DROP BOX



Sample No: VCP453736
Oil Type: {unknown}
Job No: SWO-071569



SAMPLE INFORMATION

Sample Number	VCP453736	VCP447550	VCP432859	VCP407519
Sample Date	02 May 2024	03 Jan 2024	19 Sep 2023	09 Jun 2023
Machine Hours	3089	2588	2023	1481
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	45.4	48.1	47.2	45.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	44	46	44	42
Sodium	ppm	7	2	8	10
Potassium	ppm	4	6	4	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	239	225	190	145
Copper	ppm	19	22	17	10
Lead	ppm	<1	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	2	1	0
Chromium	ppm	2	2	2	2
Molybdenum	ppm	8	8	6	6
Nickel	ppm	<1	1	1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	7	7	6	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	33	32	43	52
Magnesium	ppm	3	4	3	2
Zinc	ppm	159	129	121	103
Phosphorus	ppm	2390	2139	2174	2385
Barium	ppm	<1	8	0	0
Boron	ppm	141	172	136	127

Depot: SAIBIR
Unique No: 11020307
Signed: Angela Borella
Report Date: 13 May 2024



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VOLVO GRAPHS

