



CONSTRUCTION EQUIPMENT

SWO-063672 VOLVO A45G 352708 - DROP BOX



Sample No: VCP424605
Oil Type: NOT GIVEN
Job No: SWO-063672



SAMPLE INFORMATION

Sample Number	VCP424605	VCP398106	VCP369291	VCP366785
Sample Date	06 Jul 2023	24 Mar 2023	08 Nov 2022	25 Jul 2022
Machine Hours	3920	3429	2956	2440
Oil Hours	0	0	0	2440
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.6	46.5	46.6	49.9
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CONTAMINATION

Silicon	ppm	45	45	▲ 56	7
Sodium	ppm	8	9	7	0
Potassium	ppm	5	7	5	5

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	243	255	210	272
Copper	ppm	15	15	17	2
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	<1	1	2
Chromium	ppm	2	3	2	4
Molybdenum	ppm	11	12	10	7
Nickel	ppm	2	1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	7	7	6	11
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	41	47	58	113
Magnesium	ppm	6	8	5	2
Zinc	ppm	146	139	141	58
Phosphorus	ppm	2184	2242	2297	2349
Barium	ppm	0	0	0	0
Boron	ppm	105	117	149	284

Depot: SAIBIR
Unique No: 10551196
Signed: Sean Felton
Report Date: 12 Jul 2023



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GRAPHS

