



CONSTRUCTION EQUIPMENT

SWO-068028 VOLVO A45G 352915 - DROP BOX



Sample No: VCP447552
Oil Type: NOT GIVEN
Job No: SWO-068028



SAMPLE INFORMATION

Sample Number	VCP447552	VCP413517	VCP414106	VCP397696
Sample Date	06 Dec 2023	15 Aug 2023	26 May 2023	19 Jan 2023
Machine Hours	2854	2344	1912	1420
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	58.4	53.4	53.9	54.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	25	36	35	34
Sodium	ppm	4	6	8	7
Potassium	ppm	12	2	1	2

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	162	186	119	90
Copper	ppm	13	15	13	13
Lead	ppm	<1	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	2	2	1	1
Molybdenum	ppm	6	5	6	7
Nickel	ppm	1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	5	3	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	13	36	52	58
Magnesium	ppm	0	4	4	3
Zinc	ppm	64	105	87	86
Phosphorus	ppm	1373	2195	2217	2120
Barium	ppm	0	0	0	<1
Boron	ppm	103	119	111	133

Depot: SAIBIR
Unique No: 10780786
Signed: Sean Felton
Report Date: 14 Dec 2023



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VOLVO GRAPHS

