



CONSTRUCTION EQUIPMENT

VOLVO A45G 352071 - DROP BOX



Sample No: VCP454696
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP454696	VCP441319	VCP427483	VCP382591
Sample Date	06 May 2024	29 Jan 2024	09 Oct 2023	12 Apr 2023
Machine Hours	8023	7545	7028	6049
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	152	151	148	222
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	6	7	17
Sodium	ppm	3	0	0	2
Potassium	ppm	2	2	2	<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	107	103	99	202
Copper	ppm	3	2	2	4
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	8	7	7	9
Chromium	ppm	3	2	2	2
Molybdenum	ppm	10	10	10	8
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	1	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	70	64	65	33
Magnesium	ppm	8	14	14	11
Zinc	ppm	65	51	53	43
Phosphorus	ppm	1162	1071	1038	1192
Barium	ppm	0	0	0	0
Boron	ppm	131	104	114	137

Depot: SAIBIR
Unique No: 11036001
Signed: Sean Felton
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

