



CONSTRUCTION EQUIPMENT

VOLVO A25G 742123 - FRONT LEFT FINAL DRIVE



Sample No: VCP415658
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415658	VCP415501	VCP358043	---
Sample Date	05 Jul 2023	22 Jun 2023	30 Mar 2022	---
Machine Hours	0	5812	5171	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	53.2	52.9	82.3	---
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CONTAMINATION

Silicon	ppm	2	14	24	---
Sodium	ppm	2	2	3	---
Potassium	ppm	<1	3	0	---

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	36	141	110	---
Copper	ppm	6	7	156	---
Lead	ppm	0	0	1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	2	4	---
Chromium	ppm	<1	3	2	---
Molybdenum	ppm	1	10	<1	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	3	9	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	26	46	2310	---
Magnesium	ppm	5	1	7	---
Zinc	ppm	33	21	980	---
Phosphorus	ppm	2030	2410	1236	---
Barium	ppm	0	0	0	---
Boron	ppm	257	295	157	---

Depot: VOLVO0013
Unique No: 10548933
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

