



CONSTRUCTION EQUIPMENT

39380 VOLVO A25G 742123 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415661
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 39380



SAMPLE INFORMATION

Sample Number	VCP415661	VCP415509	VCP358080	---
Sample Date	05 Jul 2023	22 Jun 2023	30 Mar 2022	---
Machine Hours	0	5812	5131	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	53.2	53.5	59.8	---
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CONTAMINATION

Silicon	ppm	11	12	9	---
Sodium	ppm	3	2	2	---
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	105	118	133	---
Copper	ppm	8	7	143	---
Lead	ppm	0	0	1	---
Tin	ppm	0	<1	1	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	8	8	<1	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	6	8	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	37	40	1827	---
Magnesium	ppm	4	0	5	---
Zinc	ppm	39	18	759	---
Phosphorus	ppm	2227	2406	1301	---
Barium	ppm	0	0	0	---
Boron	ppm	307	292	201	---

Depot: VOLVO0013
Unique No: 10548932
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

