



CONSTRUCTION EQUIPMENT

VOLVO A25G 742123 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP415657
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415657	VCP415505	---	---
Sample Date	05 Jul 2023	22 Jun 2023	---	---
Machine Hours	0	5812	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	104	104	---	---
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CONTAMINATION

Silicon	ppm	19	28	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	3	---	---

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	45	75	---	---
Copper	ppm	8	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	4	4	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	78	83	---	---
Magnesium	ppm	27	24	---	---
Zinc	ppm	72	56	---	---
Phosphorus	ppm	1306	1403	---	---
Barium	ppm	0	0	---	---
Boron	ppm	375	354	---	---

Depot: VOLVO0013
Unique No: 10548931
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

