



CONSTRUCTION EQUIPMENT

VOLVO A25G 742123 - REAR LEFT FINAL DRIVE



Sample No: VCP415655
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415655	VCP415513	---	---
Sample Date	05 Jul 2023	22 Jun 2023	---	---
Machine Hours	0	5812	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 2303 AIRPORT BLVD
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 US 29033
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OIL CONDITION

Visc @ 40°C	cSt	100	101	---	---
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CONTAMINATION

Silicon	ppm	33	33	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	1	3	---	---

WEAR METALS

Iron	ppm	121	127	---	---
Copper	ppm	70	66	---	---
Lead	ppm	0	0	---	---
Tin	ppm	3	2	---	---
Aluminum	ppm	4	4	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	1	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	255	309	---	---
Magnesium	ppm	6	2	---	---
Zinc	ppm	166	164	---	---
Phosphorus	ppm	1335	1411	---	---
Barium	ppm	0	0	---	---
Boron	ppm	346	329	---	---

Diagnosis
 We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. The copper level is abnormal. All other 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.

Depot: VOLVO0013
Unique No: 10548934
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

