



CONSTRUCTION EQUIPMENT

VOLVO A25G 742123 - REAR RIGHT FINAL DRIVE



Sample No: VCP415660
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415660	VCP415512	---	---
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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OIL CONDITION

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

Silicon	ppm	18	25	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	2	---	---

Diagnosis

No corrective action is recommended at this time. 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.



WEAR METALS

Iron	ppm	79	101	---	---
Copper	ppm	▲79	▲69	---	---
Lead	ppm	0	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	171	218	---	---
Magnesium	ppm	5	<1	---	---
Zinc	ppm	157	143	---	---
Phosphorus	ppm	1303	1373	---	---
Barium	ppm	0	0	---	---
Boron	ppm	209	237	---	---

Depot: VOLVO0013
Unique No: 10548927
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

