



CONSTRUCTION EQUIPMENT

304054 VOLVO EC350EL 314414 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415724
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 304054



SAMPLE INFORMATION

Sample Number	VCP415724	VCP405571	---	---
Sample Date	14 Jul 2023	02 Mar 2023	---	---
Machine Hours	1757	1112	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ABNORMAL	ATTENTION	---	---

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	54.0	▲ 277	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	41	60	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	4	9	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	157	225	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	11	15	---	---
Chromium	ppm	4	5	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	38	75	---	---
Magnesium	ppm	4	16	---	---
Zinc	ppm	5	15	---	---
Phosphorus	ppm	2327	860	---	---
Barium	ppm	0	2	---	---
Boron	ppm	275	153	---	---

Depot: CALEAS
Unique No: 10564878
Signed: Don Baldrige
Report Date: 24 Jul 2023



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GRAPHS

