



CONSTRUCTION EQUIPMENT

SW-22427-2 GRANT MAC VOLVO EC750EHR 391021 - REAR RIGHT FINAL DRIVE



Sample No: VCP337581
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-22427-2 GRANT MAC



SAMPLE INFORMATION

Sample Number	VCP337581	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	2115	---	---	---
Oil Hours	2115	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: TONY PAYAN
 tpayan@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 5	---	---	---

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	█ 446	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 35	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 470	---	---	---
Barium	ppm	█ 13	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8770
Unique No: 10616436
Signed: Don Baldrige
Report Date: 23 Aug 2023



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VOLVO GRAPHS

