



CONSTRUCTION EQUIPMENT

580184 ALTA RENTS VOLVO EC380 315520 - FRONT LEFT FINAL DRIVE



Sample No: VCP415543
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 580184 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP415543	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	1163	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 178	---	---	---
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CONTAMINATION

Silicon	ppm	█ 46	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 309	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 13	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 28	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 350	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO0096
Unique No: 10564876
Signed: Don Baldrige
Report Date: 24 Jul 2023



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GRAPHS

