



CONSTRUCTION EQUIPMENT

621896 ALTA RENTS VOLVO EC480E 315143 - RIGHT SWING DRIVE



Sample No: VCP430795
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 621896 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP430795	VCP413302	VCP411693	---
Sample Date	31 Oct 2023	15 Aug 2023	07 Jun 2023	---
Machine Hours	0	1031	587	---
Oil Hours	0	0	0	---
Oil Changed	Not Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	282	165	164	---
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CONTAMINATION

Silicon	ppm	12	38	29	---
Sodium	ppm	0	<1	0	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	51	126	92	---
Copper	ppm	4	10	10	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	3	<1	---
Chromium	ppm	0	2	1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	63	9	22	---
Magnesium	ppm	15	<1	<1	---
Zinc	ppm	44	5	17	---
Phosphorus	ppm	798	338	300	---
Barium	ppm	0	2	6	---
Boron	ppm	174	0	0	---

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.

Depot: VOLVO0096
Unique No: 10725293
Signed: Sean Felton
Report Date: 03 Nov 2023



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GRAPHS

