



CONSTRUCTION EQUIPMENT

VOLVO EC480 314580 - REAR LEFT FINAL DRIVE



Sample No: VCP422419
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP422419	VCP420592	VCP344113	---
Sample Date	08 Dec 2023	29 Nov 2023	20 Jan 2022	---
Machine Hours	4530	4524	0	---
Oil Hours	0	2000	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	263	297	177	---
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CONTAMINATION

Water	%	0.184	0.453	NEG	---
Silicon	ppm	111	333	27	---
Sodium	ppm	0	3	0	---
Potassium	ppm	2	4	2	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	1836	5089	781	---
Copper	ppm	2	9	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	7	27	9	---
Chromium	ppm	19	59	13	---
Molybdenum	ppm	8	11	2	---
Nickel	ppm	<1	4	<1	---
Titanium	ppm	<1	2	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	12	38	9	---
Vanadium	ppm	0	<1	<1	---

ADDITIVES

Calcium	ppm	345	714	127	---
Magnesium	ppm	46	23	33	---
Zinc	ppm	85	65	40	---
Phosphorus	ppm	854	653	217	---
Barium	ppm	0	2	2	---
Boron	ppm	144	95	5	---

Depot: VOLVO0090
Unique No: 10789457
Signed: Sean Felton
Report Date: 18 Dec 2023



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GRAPHS

