



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 314321 - REAR RIGHT FINAL DRIVE



Sample No: VCP404248
Oil Type: CHEVRON DELO GEAR ESI OIL 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP404248	VCP309691	---	---
Sample Date	30 Jan 2024	29 Oct 2021	---	---
Machine Hours	3036	995	---	---
Oil Hours	927	995	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

CITY OF WISCONSIN RAPIDS
 444 W GRAND AVE
 WISCONSIN RAPIDS, WI
 US 54495
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OIL CONDITION

Visc @ 40°C	cSt	142	154	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	4	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	<1	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	197	226	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	6	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	11	5	---	---
Phosphorus	ppm	925	817	---	---
Barium	ppm	0	0	---	---
Boron	ppm	157	151	---	---

Depot: CITWIS
Unique No: 10870615
Signed: Wes Davis
Report Date: 08 Feb 2024



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GRAPHS

