



CONSTRUCTION EQUIPMENT

X48160 VOLVO ECR88D 219164 - REAR RIGHT FINAL DRIVE



Sample No: VCP425199
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: X48160



SAMPLE INFORMATION

Sample Number	VCP425199	VCP418926	---	---
Sample Date	09 May 2024	28 Feb 2024	---	---
Machine Hours	983	780	---	---
Oil Hours	0	780	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	166	167	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	<1	2	---	---

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	315	285	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	4	4	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	<1	17	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	36	54	---	---
Phosphorus	ppm	312	312	---	---
Barium	ppm	0	5	---	---
Boron	ppm	3	0	---	---

Depot: SCOSAI
Unique No: 11034515
Signed: Don Baldrige
Report Date: 21 May 2024



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GRAPHS

