



CONSTRUCTION EQUIPMENT

10176 SPINELLO VOLVO ECR88D 217540 - REAR LEFT FINAL DRIVE



Sample No: VCP435518
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No: 10176 SPINELLO



SAMPLE INFORMATION

Sample Number	VCP435518	VCP423091	VCP405008	---
Sample Date	04 Jan 2024	23 May 2023	27 Jan 2023	---
Machine Hours	1496	1024	666	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	320	299	166	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	10	5	---
Sodium	ppm	2	3	2	---
Potassium	ppm	5	5	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	37	91	361	---
Copper	ppm	0	0	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	2	5	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3	7	8	---
Magnesium	ppm	0	<1	<1	---
Zinc	ppm	0	13	33	---
Phosphorus	ppm	986	979	298	---
Barium	ppm	0	0	<1	---
Boron	ppm	221	138	0	---

Depot: VOLV00150
Unique No: 10822951
Signed: Sean Felton
Report Date: 11 Jan 2024



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GRAPHS

