



CONSTRUCTION EQUIPMENT

SW1027835 STEFFY VOLVO ECR235E 314278 - REAR LEFT FINAL DRIVE



Sample No: VCP419576
Oil Type: GEAR OIL SAE 80W90
Job No: SW1027835 STEFFY



SAMPLE INFORMATION

Sample Number	VCP419576	VCP406323	---	---
Sample Date	16 Dec 2023	15 Jul 2023	---	---
Machine Hours	2210	1700	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
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OIL CONDITION

Visc @ 40°C	cSt	█ 145	█ 172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 27	█ 17	---	---
Sodium	ppm	█ 0	█ 4	---	---
Potassium	ppm	█ 5	█ <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	█ 455	█ 325	---	---
Copper	ppm	█ 2	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 4	█ 3	---	---
Chromium	ppm	█ 6	█ 6	---	---
Molybdenum	ppm	█ 2	█ 1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 4	█ 4	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	█ 21	█ 7	---	---
Magnesium	ppm	█ 8	█ <1	---	---
Zinc	ppm	█ 8	█ 28	---	---
Phosphorus	ppm	█ 504	█ 493	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 46	0	---	---

Depot: VOLVO6174
Unique No: 10805879
Signed: Sean Felton
Report Date: 28 Dec 2023



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GRAPHS

