



CONSTRUCTION EQUIPMENT

SWA393236 VOLVO EC380 315097 - SWING DRIVE



Sample No: VCP398235
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA393236



SAMPLE INFORMATION

Sample Number	VCP398235	VCP431339	VCP405508	---
Sample Date	25 Oct 2023	27 Sep 2023	13 May 2023	---
Machine Hours	1943	1815	1256	---
Oil Hours	0	1000	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	SEVERE	NORMAL	---

BLAZE CONSTRUCTION

5640 ST JEAN ST
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 T: (248)632-2317
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OIL CONDITION

Visc @ 40°C	cSt	229	177	138	---
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CONTAMINATION

Silicon	ppm	8	42	1	---
Sodium	ppm	1	8	0	---
Potassium	ppm	0	3	<1	---



WEAR METALS

Iron	ppm	335	3156	<1	---
Copper	ppm	14	151	0	---
Lead	ppm	0	2	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	10	0	---
Chromium	ppm	3	37	0	---
Molybdenum	ppm	0	3	2	---
Nickel	ppm	0	2	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	31	0	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	94	61	32	---
Magnesium	ppm	0	6	25	---
Zinc	ppm	27	124	40	---
Phosphorus	ppm	572	711	445	---
Barium	ppm	0	12	0	---
Boron	ppm	93	<1	5	---

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.

Depot: BLADET
Unique No: 10714510
Signed: Sean Felton
Report Date: 31 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

