



CONSTRUCTION EQUIPMENT

10075 ENVIROVANTAGE VOLVO EC380E 314814 - SWING DRIVE



Sample No: VCP398597
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No: 10075 ENVIROVANTAGE



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SAMPLE INFORMATION

Sample Number	VCP398597	VCP360354	---	---
Sample Date	13 Dec 2023	18 Mar 2022	---	---
Machine Hours	2128	607	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 173	█ 172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 26	█ 6	---	---
Sodium	ppm	█ 0	█ 1	---	---
Potassium	ppm	█ 2	█ 0	---	---



WEAR METALS

Iron	ppm	█ 314	█ 75	---	---
Copper	ppm	█ 11	█ 3	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	0	---	---
Aluminum	ppm	█ 3	2	---	---
Chromium	ppm	█ 5	1	---	---
Molybdenum	ppm	█ <1	0	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 6	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 5	3	---	---
Magnesium	ppm	█ 2	0	---	---
Zinc	ppm	█ 20	4	---	---
Phosphorus	ppm	█ 329	283	---	---
Barium	ppm	█ 14	0	---	---
Boron	ppm	█ <1	4	---	---

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: VOLVO0150
Unique No: 10794921
Signed: Jonathan Hester
Report Date: 21 Dec 2023



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GRAPHS

