



CONSTRUCTION EQUIPMENT

SW-34353-2 DYNAMIC VOLVO EC220E 314480 - SWING DRIVE



Sample No: VCP391256
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-34353-2 DYNAMIC



SAMPLE INFORMATION

Sample Number	VCP391256	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	2179	---	---	---
Oil Hours	2179	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 171	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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	█ 649	---	---	---
Copper	ppm	█ 20	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 72	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 36	---	---	---
Phosphorus	ppm	█ 284	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8770
Unique No: 11046329
Signed: Sean Felton
Report Date: 28 May 2024



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GRAPHS

