



CONSTRUCTION EQUIPMENT

689229 STONE CO VOLVO EC350E 314488 - SWING DRIVE



Sample No: VCP447062
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 689229 STONE CO



SAMPLE INFORMATION

Sample Number	VCP447062	VCP412462	VCP414128	---
Sample Date	01 Apr 2024	28 Aug 2023	15 Jun 2023	---
Machine Hours	1972	1004	492	---
Oil Hours	1972	1004	492	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ATTENTION	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	■ 146	● 323	■ 185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ 4	■ 5	■ 4	---
Sodium	ppm	■ 0	■ <1	■ 2	---
Potassium	ppm	■ 0	■ 0	■ 0	---

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	■ 113	■ 68	■ 220	---
Copper	ppm	■ 2	■ 3	■ 5	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ 0	■ 0	■ 0	---
Aluminum	ppm	■ <1	■ <1	■ <1	---
Chromium	ppm	■ 2	■ <1	■ 4	---
Molybdenum	ppm	■ 0	■ 0	■ <1	---
Nickel	ppm	■ 0	■ 0	■ 0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ 1	■ 1	■ 4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	■ 62	■ 109	■ 19	---
Magnesium	ppm	■ <1	■ 0	■ 0	---
Zinc	ppm	■ 26	■ 38	■ 17	---
Phosphorus	ppm	■ 549	■ 981	■ 297	---
Barium	ppm	■ 0	■ 0	■ 3	---
Boron	ppm	■ 13	■ 214	■ 0	---

Depot: VOLVO2990
Unique No: 10969465
Signed: Don Baldrige
Report Date: 13 Apr 2024



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GRAPHS

