



CONSTRUCTION EQUIPMENT

CAVANAGH 394790 VOLVO EC480EL 314289 - RIGHT SWING DRIVE



Sample No: VCP380066
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 394790



SAMPLE INFORMATION

Sample Number	VCP380066	VCP391682	---	---
Sample Date	14 Feb 2024	04 Jun 2023	---	---
Machine Hours	6034	5003	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT

54 IBER ROAD
 OTTAWA, ON
 CA K2S 1E8
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OIL CONDITION

Visc @ 40°C	cSt	147	137	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	3	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	1	<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	134	36	---	---
Copper	ppm	4	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	20	91	---	---
Magnesium	ppm	<1	8	---	---
Zinc	ppm	84	47	---	---
Phosphorus	ppm	1975	984	---	---
Barium	ppm	0	0	---	---
Boron	ppm	174	150	---	---

Depot: SHESTI
Unique No: 5734302
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

