



CONSTRUCTION EQUIPMENT

SPM540240 VOLVO EC480 314048 - EC480 - RIGHT SWING DRIVE



Sample No: VCP419767
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM540240



SAMPLE INFORMATION

Sample Number	VCP419767	VCP338787	---	---
Sample Date	29 Apr 2023	31 Jan 2022	---	---
Machine Hours	6015	4038	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

BLAZE CONSTRUCTION

5640 ST JEAN ST
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 US 48213
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 T: (248)632-2317
 F:



OIL CONDITION

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

Silicon	ppm	█ <1	█ 4	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ <1	█ 2	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 30	█ 11	---	---
Magnesium	ppm	█ 30	█ 1	---	---
Zinc	ppm	█ 49	█ 6	---	---
Phosphorus	ppm	█ 510	█ 2304	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 3	█ 106	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: BLADET
Unique No: 10455727
Signed: Sean Felton
Report Date: 05 May 2023



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GRAPHS

