



CONSTRUCTION EQUIPMENT

659444 MOSAIC VOLVO EC480EL 3 15 147 - RIGHT SWING DRIVE



Sample No: VCP452122
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 659444 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP452122	VCP416197	---	---
Sample Date	13 Jan 2024	21 Aug 2023	---	---
Machine Hours	1647	812	---	---
Oil Hours	800	812	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	241	154	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	34	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	114	158	---	---
Copper	ppm	11	13	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	339	6	---	---
Magnesium	ppm	7	0	---	---
Zinc	ppm	155	8	---	---
Phosphorus	ppm	842	317	---	---
Barium	ppm	11	0	---	---
Boron	ppm	102	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.

Depot: VOLVO0093
Unique No: 10886632
Signed: Sean Felton
Report Date: 21 Feb 2024



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GRAPHS

