



CONSTRUCTION EQUIPMENT

8-348658 VOLVO EC480E 310415 - RIGHT SWING DRIVE



Sample No: VCP380900
Oil Type: GEAR OIL SAE 80W90
Job No: 8-348658



SAMPLE INFORMATION

Sample Number	VCP380900	VCP298395	VCP232942	---
Sample Date	14 Dec 2022	10 Aug 2021	19 Nov 2019	---
Machine Hours	6005	3998	1980	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

GERDAU AMERISTEEL

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OIL CONDITION

Visc @ 40°C	cSt	142	146	183	---
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CONTAMINATION

Silicon	ppm	19	5	8	---
Sodium	ppm	1	<1	<1	---
Potassium	ppm	<1	<1	<1	---



WEAR METALS

Iron	ppm	44	78	203	---
Copper	ppm	4	3	6	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	1	<1	1	---
Chromium	ppm	<1	<1	3	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	17	8	9	---
Magnesium	ppm	<1	1	4	---
Zinc	ppm	9	8	14	---
Phosphorus	ppm	1063	1056	990	---
Barium	ppm	0	0	0	---
Boron	ppm	171	173	133	---

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: LAKWHI
Unique No: 5503700
Signed: Wes Davis
Report Date: 28 Dec 2022



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GRAPHS

