



CONSTRUCTION EQUIPMENT

X48306 VOLVO EC380EL 311913 - FRONT RIGHT FINAL DRIVE



Sample No: VCP416100
Oil Type: GEAR OIL SAE 80W90
Job No: X48306



SAMPLE INFORMATION

Sample Number	VCP416100	VCP416086	---	---
Sample Date	21 Jun 2024	21 Mar 2024	---	---
Machine Hours	5991	6188	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
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OIL CONDITION

Visc @ 40°C	cSt	125	295	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	51	1	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	3	16	---	---



WEAR METALS

Iron	ppm	290	0	---	---
Copper	ppm	2	0	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	11	6	---	---
Chromium	ppm	4	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	7	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	3	0	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	98	0	---	---
Magnesium	ppm	2	10	---	---
Zinc	ppm	34	0	---	---
Phosphorus	ppm	1333	0	---	---
Barium	ppm	0	0	---	---
Boron	ppm	264	0	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.
 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: VOLVO0129
Unique No: 11099820
Signed: Wes Davis
Report Date: 27 Jun 2024



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GRAPHS

