



CONSTRUCTION EQUIPMENT

W02007704 VOLVO EC460C 110134 - LEFT SWING DRIVE



Sample No: VCP426049
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W02007704



SAMPLE INFORMATION

Sample Number	VCP426049	VCP198271	VCE239249	---
Sample Date	06 Nov 2023	19 Aug 2016	10 Jul 2016	---
Machine Hours	18738	8366	8636	---
Oil Hours	0	500	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	SEVERE	---

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OIL CONDITION

Visc @ 40°C	cSt	155	317.6	346.0	---
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CONTAMINATION

Water	%	---	▲ 0.510	● 3.22	---
Silicon	ppm	33	9	18	---
Sodium	ppm	1	6	2	---
Potassium	ppm	<1	3	3	---

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	169	53	180	---
Copper	ppm	15	8	20	---
Lead	ppm	0	0	1	---
Tin	ppm	0	5	0	---
Aluminum	ppm	4	2	4	---
Chromium	ppm	1	<1	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	37	88	15	---
Magnesium	ppm	6	4	2	---
Zinc	ppm	71	53	23	---
Phosphorus	ppm	557	855	829	---
Barium	ppm	2	0	0	---
Boron	ppm	33	109	115	---

Depot: VOLVO0002
Unique No: 10736956
Signed: Sean Felton
Report Date: 13 Nov 2023



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GRAPHS

