



CONSTRUCTION EQUIPMENT

5586 VOLVO EC460CL 110437 - RIGHT SWING DRIVE



Sample No: VCP301207
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 5586



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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SAMPLE INFORMATION

Sample Number	VCP301207	VCP181447	---	---
Sample Date	06 Jan 2021	15 Dec 2015	---	---
Machine Hours	6082	4194	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	305	274.9	---	---
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CONTAMINATION

Water	%	0.292	0.422	---	---
Silicon	ppm	6	14	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	6	---	---



WEAR METALS

Iron	ppm	168	288	---	---
Copper	ppm	9	20	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	3	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	52	35	---	---
Magnesium	ppm	15	5	---	---
Zinc	ppm	68	73	---	---
Phosphorus	ppm	812	807	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	83	68	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8882
Unique No: 9313206
Signed: Jonathan Hester
Report Date: 12 Jan 2021



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GRAPHS

