



CONSTRUCTION EQUIPMENT

X58455 VOLVO EC300EL 316607 - SWING DRIVE



Sample No: VCP413369

Oil Type: NOT GIVEN

Job No: X58455



SAMPLE INFORMATION

Sample Number	VCP413369	---	---	---
Sample Date	08 Sep 2023	---	---	---
Machine Hours	1462	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 SAINT ROSE, LA
 US 70087
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OIL CONDITION

Visc @ 40°C	cSt	█ 184	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 1291	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	▲ 15	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	16	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	11	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	33	---	---	---
Phosphorus	ppm	362	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	0	---	---	---

Depot: SCOSAI
Unique No: 10647719
Signed: Don Baldrige
Report Date: 19 Sep 2023



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GRAPHS

