



CONSTRUCTION EQUIPMENT

FONDERIE HORNE 8000392189 VOLVO ECR145EL 311565 - SWING DRIVE



Sample No: VCP392411
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 8000392189



SAMPLE INFORMATION

Sample Number	VCP392411	---	---	---
Sample Date	27 Jan 2024	---	---	---
Machine Hours	11176	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO INC
1730 RUE DE L'HYDRO
VAL D'OR, QC
CA J9P 6Z2
Contact: Stephan Constant
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T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 136	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	91	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	123	---	---	---
Phosphorus	ppm	982	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	113	---	---	---

Depot: VOLV00229
Unique No: 5722011
Signed: Bill Quesnel
Report Date: 01 Feb 2024



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GRAPHS

