



CONSTRUCTION EQUIPMENT

FONDERIE HORNE 8000392189 VOLVO ECR145EL 311565 - DIESEL ENGINE



Sample No: VCP392410
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL SAE 10W30
Job No: 8000392189



SAMPLE INFORMATION

Sample Number	VCP392410	---	---	---
Sample Date	27 Jan 2024	---	---	---
Machine Hours	11176	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO INC
1730 RUE DE L'HYDRO
VAL D'OR, QC
CA J9P 6Z2
Contact: Stephan Constant
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T:
F: (819)825-1360



OIL CONDITION

Visc @ 100°C	cSt	14.3	---	---	---
Oxidation (PA)	%	59	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	46	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1158	---	---	---
Magnesium	ppm	897	---	---	---
Zinc	ppm	1154	---	---	---
Phosphorus	ppm	1026	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO0229
Unique No: 5721893
Signed: Bill Quesnel
Report Date: 01 Feb 2024



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GRAPHS

