



CONSTRUCTION EQUIPMENT

239498 VOLVO ECR305EL 110115 - DIESEL ENGINE



Sample No: VCP252313
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: 239498



SAMPLE INFORMATION

Sample Number	VCP252313	---	---	---
Sample Date	14 Apr 2020	---	---	---
Machine Hours	7876	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
TROIS RIVIERE, QC
CA G8Z 4L8
Contact: Sebastien Rocheleau
srocheleau@strongco.com
T: (855)840-0828
F: (819)840-0829



OIL CONDITION

Visc @ 100°C	cSt	█ 15.4	---	---	---
Oxidation (PA)	%	█ 78	---	---	---



CONTAMINATION

Soot %	%	█ 1.5	---	---	---
Nitration (PA)	%	█ 96	---	---	---
Sulfation (PA)	%	█ 83	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 9	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 2562	---	---	---
Magnesium	ppm	█ 25	---	---	---
Zinc	ppm	█ 1301	---	---	---
Phosphorus	ppm	█ 1072	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 104	---	---	---

Depot: STR520TRO
Unique No: 5033937
Signed: Wes Davis
Report Date: 24 Apr 2020



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GRAPHS

