



CONSTRUCTION EQUIPMENT

384291 VOLVO ECR355EL 314717 - SWING DRIVE



Sample No: VCP380306
Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC
Job No: 384291



SAMPLE INFORMATION

Sample Number	VCP380306	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	980	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	▲ 173	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 160	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 6	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 11	---	---	---
Phosphorus	ppm	335	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'ISO 150; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5698138
Signed: Kevin Marson
Report Date: 27 Dec 2023



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GRAPHS

