



CONSTRUCTION EQUIPMENT

370672 VOLVO L70C 15096 - DIESEL ENGINE



Sample No: VCP391701
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 370672



SAMPLE INFORMATION

Sample Number	VCP391701	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	11151	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
TROIS RIVIERE, QC
CA G8Z 4L8
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.5	---	---	---
Oxidation (PA)	%	█ 63	---	---	---

CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	█ 81	---	---	---
Sulfation (PA)	%	█ 55	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 2.5	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. 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. Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 64	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1135	---	---	---
Magnesium	ppm	█ 938	---	---	---
Zinc	ppm	█ 1223	---	---	---
Phosphorus	ppm	█ 1077	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: STR520TRO
Unique No: 5607566
Signed: Wes Davis
Report Date: 19 Jul 2023



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GRAPHS

