



CONSTRUCTION EQUIPMENT

387685 VOLVO L90H 625351 - DIESEL ENGINE



Sample No: VCP393174
Oil Type: PETRO CANADA 15W40
Job No: 387685



SAMPLE INFORMATION

Sample Number	VCP393174	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	5250	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Oxidation (PA)	%	█ 61	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	█ 64	---	---	---
Sulfation (PA)	%	█ 53	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 16	---	---	---

Diagnosis

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. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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	█ 24	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 58	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1173	---	---	---
Magnesium	ppm	█ 929	---	---	---
Zinc	ppm	█ 1188	---	---	---
Phosphorus	ppm	█ 1016	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0228
Unique No: 5711538
Signed: Wes Davis
Report Date: 22 Jan 2024



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GRAPHS

