



CONSTRUCTION EQUIPMENT

2315188 VOLVO L110H 632455 - HYDRAULIC SYSTEM



Sample No: VCP349579
Oil Type: IRVING HYDRAULIC OIL LP 46
Job No: 2315188



SAMPLE INFORMATION

Sample Number	VCP349579	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	4095	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MIRAGE

1255, 98 RUE
 SAINT GEORGE, QC
 CA G5Y 8J5
 Contact: Yanick Tanguay-morin
 yanick.tanguaymorin@boa-franc.com
 T: (418)227-1181
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 44.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 777	---	---	---
Particles >6µm		█ 203	---	---	---
Particles >14µm		█ 25	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

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. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. 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	█ 2	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	61	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	84	---	---	---
Phosphorus	ppm	110	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: MIRSAI
Unique No: 5698396
Signed: Kevin Marson
Report Date: 28 Dec 2023



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VOLVO GRAPHS

