



CONSTRUCTION EQUIPMENT

BLC 378633 VOLVO L110H 632286 - DIESEL ENGINE



Sample No: VCP381831
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 378633



SAMPLE INFORMATION

Sample Number	VCP381831	VCP392296	VCP352651	---
Sample Date	19 Sep 2023	23 Jun 2023	19 Sep 2022	---
Machine Hours	2023	1554	497	---
Oil Hours	500	500	497	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	12.9	11.7	12.7	---
Oxidation (PA)	%	83	84	76	---



CONTAMINATION

Soot %	%	0.2	0.1	0	---
Nitration (PA)	%	61	63	58	---
Sulfation (PA)	%	63	63	64	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	<1.0	---
Silicon	ppm	5	6	18	---
Sodium	ppm	3	3	4	---
Potassium	ppm	<1	<1	1	---



WEAR METALS

Iron	ppm	13	16	31	---
Copper	ppm	1	2	10	---
Lead	ppm	<1	<1	3	---
Tin	ppm	<1	<1	2	---
Aluminum	ppm	5	11	▲ 122	---
Chromium	ppm	<1	1	8	---
Molybdenum	ppm	42	43	38	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	<1	<1	---
Manganese	ppm	0	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1717	1707	1493	---
Magnesium	ppm	520	528	636	---
Zinc	ppm	1102	1092	1106	---
Phosphorus	ppm	929	965	1039	---
Barium	ppm	<1	<1	9	---
Boron	ppm	29	37	47	---

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. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5645881
Signed: Wes Davis
Report Date: 25 Sep 2023



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GRAPHS

