



CONSTRUCTION EQUIPMENT

TAFISA 388316 VOLVO L120H 633469 - DIESEL ENGINE



Sample No: VCP430100
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 388316



SAMPLE INFORMATION

Sample Number	VCP430100	VCP380340	VCP382413	---
Sample Date	22 Dec 2023	29 Nov 2023	07 Nov 2023	---
Machine Hours	1928	1500	1029	---
Oil Hours	500	500	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	13.0	13.1	13.0	---
Oxidation (PA)	%	82	82	74	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0.1	0.1	0.4	---
Nitration (PA)	%	54	53	56	---
Sulfation (PA)	%	63	63	61	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	<1.0	---
Silicon	ppm	4	4	6	---
Sodium	ppm	2	3	3	---
Potassium	ppm	0	0	<1	---

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.



WEAR METALS

Iron	ppm	8	11	23	---
Copper	ppm	1	2	4	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	4	5	17	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	40	40	41	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	<1	<1	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1683	1691	1664	---
Magnesium	ppm	502	505	531	---
Zinc	ppm	1068	1075	1109	---
Phosphorus	ppm	940	911	950	---
Barium	ppm	0	<1	2	---
Boron	ppm	36	39	32	---

Depot: VOLVO0228
Unique No: 5698620
Signed: Wes Davis
Report Date: 28 Dec 2023



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GRAPHS

