



CONSTRUCTION EQUIPMENT

GDS MATANE 393727 VOLVO L110H 632254 - DIESEL ENGINE



Sample No: VCP394543
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 393727



SAMPLE INFORMATION

Sample Number	VCP394543	VCP393139	VCP430106	VCP392134
Sample Date	09 Feb 2024	19 Jan 2024	22 Dec 2023	10 Nov 2023
Machine Hours	14502	13994	13389	12445
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam
 St-Augustin-de-Desmaures, QC
 CA G3A 2K2
 Contact: Michel Lepage
 mlepage@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 100°C	cSt	13.4	13.4	14.0	13.4
Oxidation (PA)	%	88	86	63	83



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.1	0	0	0.1
Nitration (PA)	%	64	64	52	62
Sulfation (PA)	%	65	63	58	63
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	3	3	4	4
Sodium	ppm	2	2	1	2
Potassium	ppm	<1	1	2	<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	7	4	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	3	3	4
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	42	49	92	52
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1784	1758	1477	1697
Magnesium	ppm	525	516	411	508
Zinc	ppm	1129	1124	1137	1122
Phosphorus	ppm	967	972	999	932
Barium	ppm	0	0	0	<1
Boron	ppm	38	64	312	82

Depot: VOLVO0228
Unique No: 5735376
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

