



CONSTRUCTION EQUIPMENT

395181 VOLVO L110G 8316 - DIESEL ENGINE



Sample No: VCP429843
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 395181



SAMPLE INFORMATION

Sample Number	VCP429843	VCP392857	VCP391792	WC353410
Sample Date	16 Feb 2024	15 Dec 2023	24 Jul 2023	01 May 2023
Machine Hours	25034	24725	23664	23005
Oil Hours	500	500	500	500
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: Louis Mauger
 lmauger@strongco.com
 T:
 F: (418)870-1701



OIL CONDITION

Visc @ 100°C	cSt	13.3	13.2	13.8	13.8
Oxidation (PA)	%	81	73	84	86



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.1	0.2	0.8	0.7
Nitration (PA)	%	58	56	68	69
Sulfation (PA)	%	62	60	68	66
Glycol	%	NEG	NEG	0.0	0.0
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	3	3	4	5
Sodium	ppm	7	11	17	26
Potassium	ppm	2	4	5	8



WEAR METALS

Iron	ppm	15	20	22	26
Copper	ppm	<1	<1	1	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	3	4	7
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	39	44	45	44
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1845	1782	1764	1877
Magnesium	ppm	494	551	550	534
Zinc	ppm	1137	1160	1109	982
Phosphorus	ppm	984	1018	1006	911
Barium	ppm	0	0	0	0
Boron	ppm	32	30	24	30

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: 5735373
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

