



CONSTRUCTION EQUIPMENT

GDS POINTE A LA CROIX 384458 VOLVO L90H 625880 - DIESEL ENGINE



Sample No: VCP392135
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 384458



SAMPLE INFORMATION

Sample Number	VCP392135	VCP380407	VCP391951	VCP392334
Sample Date	14 Nov 2023	19 Sep 2023	06 Jul 2023	04 Apr 2023
Machine Hours	8590	8038	7358	6887
Oil Hours	0	0	500	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	12.8	12.8	12.9	13.3
Oxidation (PA)	%	85	78	79	90



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.1	0.1	0	0
Nitration (PA)	%	62	61	59	72
Sulfation (PA)	%	63	59	60	71
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	6	7	6	4
Sodium	ppm	3	3	3	3
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	9	11	10	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	2	3	3	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	40	46	41	42
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1710	1867	1655	1838
Magnesium	ppm	505	559	508	529
Zinc	ppm	1086	1226	1065	1129
Phosphorus	ppm	920	1019	960	1014
Barium	ppm	<1	<1	0	0
Boron	ppm	32	25	29	32

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: 5684049
Signed: Wes Davis
Report Date: 27 Nov 2023



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VOLVO GRAPHS

