



CONSTRUCTION EQUIPMENT

GDS MOUSOU 372608 VOLVO L90H 625879 - DIESEL ENGINE



Sample No: VCP391786
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 372608



SAMPLE INFORMATION

Sample Number	VCP391786	VCP381731	WC381726	VCP353180
Sample Date	20 Jul 2023	08 Jun 2023	14 Apr 2023	07 Mar 2023
Machine Hours	8057	7572	7017	6508
Oil Hours	500	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	13.7	13.9	13.8	14.1
Oxidation (PA)	%	92	96	93	97



CONTAMINATION

Soot %	%	0.1	0.1	0.1	0
Nitration (PA)	%	82	86	78	90
Sulfation (PA)	%	66	66	65	71
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	6	6	7	6
Sodium	ppm	3	3	3	3
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	9	10	8	10
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	3	2	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	53	54	51	57
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1886	1772	1856	1865
Magnesium	ppm	577	507	529	598
Zinc	ppm	1293	1164	1190	1228
Phosphorus	ppm	1170	1062	1062	1094
Barium	ppm	0	0	0	0
Boron	ppm	52	78	71	51

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: 5618436
Signed: Wes Davis
Report Date: 01 Aug 2023



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GRAPHS

