



CONSTRUCTION EQUIPMENT

GDS MARSUVE VOLVO L90H 625879 - DIESEL ENGINE



Sample No: VCP393172
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP393172	VCP391801	VCP380429	VCP391786
Sample Date	11 Jan 2024	01 Dec 2023	13 Sep 2023	20 Jul 2023
Machine Hours	9001	8874	8390	8057
Oil Hours	500	500	0	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: Michel Lepage
 mlepage@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 100°C	cSt	12.5	13.3	13.4	13.7
Oxidation (PA)	%	84	93	87	92



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0.1	0.1	0.1
Nitration (PA)	%	56	83	70	82
Sulfation (PA)	%	64	65	64	66
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	8	8	5	6
Sodium	ppm	2	3	3	3
Potassium	ppm	<1	0	1	<1



WEAR METALS

Iron	ppm	4	9	7	9
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	3	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	40	51	44	53
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1681	1734	1760	1886
Magnesium	ppm	490	517	517	577
Zinc	ppm	1043	1160	1138	1293
Phosphorus	ppm	919	963	968	1170
Barium	ppm	0	<1	0	0
Boron	ppm	49	76	42	52

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: 5711537
Signed: Wes Davis
Report Date: 22 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

