



CONSTRUCTION EQUIPMENT

GDS POINTE A LA CROIX 369320 VOLVO L90H 625880 - DIESEL ENGINE



Sample No: VCP391951
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 369320



SAMPLE INFORMATION

Sample Number	VCP391951	VCP392334	VCP382436	VCP353021
Sample Date	06 Jul 2023	04 Apr 2023	24 Jan 2023	25 Nov 2022
Machine Hours	7358	6887	6092	5564
Oil Hours	500	0	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 100°C	cSt	12.9	13.3	13.4	13.9
Oxidation (PA)	%	79	90	85	75

CONTAMINATION

Soot %	%	0	0	0	0
Nitration (PA)	%	59	72	63	65
Sulfation (PA)	%	60	71	69	67
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	6	4	4	6
Sodium	ppm	3	3	2	2
Potassium	ppm	0	0	<1	0

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	10	11	7	6
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	3	3	3	3
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	41	42	46	87
Nickel	ppm	0	<1	<1	0
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	1655	1838	1741	1572
Magnesium	ppm	508	529	505	458
Zinc	ppm	1065	1129	1090	1278
Phosphorus	ppm	960	1014	1002	1144
Barium	ppm	0	0	0	0
Boron	ppm	29	32	63	365

Depot: VOLVO0228
Unique No: 5617294
Signed: Kevin Marson
Report Date: 26 Jul 2023

VOLVO GRAPHS

