



CONSTRUCTION EQUIPMENT

406139 VOLVO L150H 6743 - DIESEL ENGINE



Sample No: VCP334150
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 406139



SAMPLE INFORMATION

Sample Number	VCP334150	VCP380043	VCP391975	VCP380874
Sample Date	20 Jun 2024	06 Nov 2023	27 Apr 2023	29 Dec 2022
Machine Hours	5171	4654	4183	3585
Oil Hours	500	0	0	500
Oil Changed	Changed	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
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OIL CONDITION

Visc @ 40°C	cSt	93.9	---	---	---
Visc @ 100°C	cSt	12.7	13.1	12.9	12.8
Viscosity Index (VI)	Scale	131	---	---	---
Oxidation (PA)	%	80	82	81	86

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	56	51	53	61
Sulfation (PA)	%	61	62	62	67
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	0.3	<1.0	<1.0	<1.0
Silicon	ppm	4	8	9	9
Sodium	ppm	2	3	3	3
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	6	7	6	8
Copper	ppm	1	1	2	8
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	2	2	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	40	40	40	42
Nickel	ppm	1	<1	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1651	1695	1719	1707
Magnesium	ppm	497	500	494	502
Zinc	ppm	1054	1077	1042	1080
Phosphorus	ppm	894	914	988	989
Barium	ppm	0	<1	0	0
Boron	ppm	54	52	54	52

Depot: VOLVO9652
Unique No: 5801650
Signed: Wes Davis
Report Date: 27 Jun 2024



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VOLVO GRAPHS

