



CONSTRUCTION EQUIPMENT

SPM428497 VOLVO L150H 6556 - DIESEL ENGINE



Sample No: VCP358034
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM428497



SAMPLE INFORMATION

Sample Number	VCP358034	VCP373895	VCP358400	VCP346064
Sample Date	22 Jul 2022	27 Jun 2022	03 May 2022	07 Mar 2022
Machine Hours	5795	5668	5411	5124
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WASTE MANAGEMENT - GARY
 1508 SHERMAN ST
 GARY, IN
 US 46406
 Contact: TARA RORK

OIL CONDITION

Visc @ 100°C	cSt	14.1	13.3	13.5	13.2
Base Number (BN)	mg KOH/g	10.7	8.7	9.2	9.6
Oxidation (PA)	%	57	56	53	61

T:
F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Soot %	%	0.2	0.4	0.2	0.3
Nitration (PA)	%	50	60	51	65
Sulfation (PA)	%	52	51	50	55
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	6	8	4	6
Sodium	ppm	1	<1	0	<1
Potassium	ppm	<1	1	0	0

WEAR METALS

Iron	ppm	2	6	3	6
Copper	ppm	<1	2	<1	2
Lead	ppm	2	<1	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	2	1	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	59	60	57	58
Nickel	ppm	<1	0	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	1	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	1022	1087	1052	1075
Magnesium	ppm	958	961	973	999
Zinc	ppm	1286	1263	1233	1318
Phosphorus	ppm	1066	1036	1053	1072
Barium	ppm	0	0	0	0
Boron	ppm	4	2	4	2

Depot: WASGARIN
Unique No: 10100043
Signed: Wes Davis
Report Date: 19 Aug 2022



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VOLVO GRAPHS

