



CONSTRUCTION EQUIPMENT

SPM581116 VOLVO L150H 7135 - DIESEL ENGINE



Sample No: VCP422997
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM581116



SAMPLE INFORMATION

Sample Number	VCP422997	VCP420066	VCP387159	---
Sample Date	25 Aug 2023	24 Apr 2023	22 Feb 2023	---
Machine Hours	4044	562	276	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	ABNORMAL	ATTENTION	---

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

OIL CONDITION

Visc @ 100°C	cSt	13.6	11.2	11.1	---
Base Number (BN)	mg KOH/g	9.8	5.0	10.0	---
Oxidation (PA)	%	56	61	53	---

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 %	%	0.1	0.1	0.1	---
Nitration (PA)	%	53	73	48	---
Sulfation (PA)	%	51	52	50	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	0.5	---
Silicon	ppm	3	21	2	---
Sodium	ppm	2	2	0	---
Potassium	ppm	<1	3	1	---

WEAR METALS

Iron	ppm	3	8	7	---
Copper	ppm	2	221	29	---
Lead	ppm	0	<1	<1	---
Tin	ppm	<1	2	<1	---
Aluminum	ppm	<1	2	2	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	63	76	47	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	3	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	1107	1968	1348	---
Magnesium	ppm	1047	40	588	---
Zinc	ppm	1366	1166	1065	---
Phosphorus	ppm	1105	909	935	---
Barium	ppm	0	0	0	---
Boron	ppm	3	45	23	---

Depot: WASGARIN
Unique No: 10632409
Signed: Wes Davis
Report Date: 05 Sep 2023



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GRAPHS

