



CONSTRUCTION EQUIPMENT

SPM621314 GA PACIFIC VOLVO L150H 7091 - DIESEL ENGINE



Sample No: VCP413951
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM621314 GA PACIFIC



SAMPLE INFORMATION

Sample Number	VCP413951	VCP404322	VCP407387	VCP387432
Sample Date	10 Nov 2023	26 Apr 2023	01 Apr 2023	30 Nov 2022
Machine Hours	4509	2615	2147	1020
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 100°C	cSt	13.1	14.3	13.3	13.7
Base Number (BN)	mg KOH/g	8.9	8.5	8.3	10.1
Oxidation (PA)	%	53	52	63	59

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

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.1	0.1	0.2	0.1
Nitration (PA)	%	47	45	65	56
Sulfation (PA)	%	49	46	53	55
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	2	3	5	4
Sodium	ppm	0	0	<1	0
Potassium	ppm	2	<1	0	1



WEAR METALS

Iron	ppm	2	3	7	3
Copper	ppm	2	3	10	49
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	53	59	57	58
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	923	1079	1043	1102
Magnesium	ppm	803	1048	886	774
Zinc	ppm	1058	1366	1182	1139
Phosphorus	ppm	885	1077	949	956
Barium	ppm	0	0	0	0
Boron	ppm	0	0	0	4

Depot: VOLVO8885
Unique No: 10766809
Signed: Wes Davis
Report Date: 01 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

