



CONSTRUCTION EQUIPMENT

SPM702779 GA PACIFIC VOLVO L150H 7091 - DIESEL ENGINE



Sample No: VCP443714
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM702779 GA PACIFIC



SAMPLE INFORMATION

Sample Number	VCP443714	VCP426430	VCP443590	VCP413951
Sample Date	30 Apr 2024	12 Apr 2024	15 Mar 2024	10 Nov 2023
Machine Hours	6804	6091	5645	4509
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 100°C	cSt	13.0	13.1	13.2	13.1
Base Number (BN)	mg KOH/g	9.3	9.7	9.3	8.9
Oxidation (PA)	%	60	57	59	53

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	0.1	0.1
Nitration (PA)	%	60	53	58	47
Sulfation (PA)	%	52	51	51	49
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	2	2	8	2
Sodium	ppm	2	<1	0	0
Potassium	ppm	0	0	4	2



WEAR METALS

Iron	ppm	3	3	5	2
Copper	ppm	<1	<1	2	2
Lead	ppm	0	<1	3	0
Tin	ppm	0	<1	2	0
Aluminum	ppm	<1	<1	4	2
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	61	58	63	53
Nickel	ppm	0	0	1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	1126	1057	1146	923
Magnesium	ppm	1050	979	974	803
Zinc	ppm	1291	1191	1242	1058
Phosphorus	ppm	1099	1032	1124	885
Barium	ppm	0	0	<1	0
Boron	ppm	0	0	1	0

Depot: VOLVO8885
Unique No: 11029615
Signed: Wes Davis
Report Date: 14 May 2024



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GRAPHS

