



CONSTRUCTION EQUIPMENT

19793 KOPPERS-LELAND VOLVO L150H 6856 - FRONT AXLE



Sample No: VCP441586
Oil Type: VOLVO WB 102
Job No: 19793 KOPPERS-LELAND



SAMPLE INFORMATION

Sample Number	VCP441586	VCP415759	VCP421467	VCP303723
Sample Date	28 Sep 2023	13 Jul 2023	03 May 2023	11 Aug 2021
Machine Hours	6473	6021	5629	2042
Oil Hours	0	0	1635	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 US 27834
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OIL CONDITION

Visc @ 40°C	cSt	42.0	42.0	41.8	42.5
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CONTAMINATION

Silicon	ppm	14	13	13	13
Sodium	ppm	<1	4	2	10
Potassium	ppm	3	<1	1	0



WEAR METALS

Iron	ppm	38	33	25	7
Copper	ppm	24	16	15	0
Lead	ppm	0	<1	0	1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	1	0	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	3	3	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4202	4138	3833	4314
Magnesium	ppm	18	23	15	12
Zinc	ppm	1713	1693	1575	1670
Phosphorus	ppm	1387	1361	1307	1380
Barium	ppm	<1	0	0	0
Boron	ppm	139	134	127	118

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 condition of the oil is acceptable for the time in service.

Depot: VOLVO8769
Unique No: 10702464
Signed: Wes Davis
Report Date: 23 Oct 2023



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GRAPHS

