



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - TRANSMISSION (AUTO)



Sample No: VCP442896

Oil Type: MOBIL MOBILTRANS AST 30

Job No:



SAMPLE INFORMATION

Sample Number	VCP442896	VCP436349	VCP418077	VCP392756
Sample Date	02 Feb 2024	05 Dec 2023	06 Sep 2023	05 Jun 2023
Machine Hours	13240	13014	12744	12465
Oil Hours	1226	1013	744	465
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	75.0	75.3	75.6	76.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	4	4
Sodium	ppm	<1	<1	3	2
Potassium	ppm	0	<1	2	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	14	13	11	10
Copper	ppm	7	5	6	4
Lead	ppm	0	<1	1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	1	1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2354	2350	2355	2481
Magnesium	ppm	25	2	26	25
Zinc	ppm	948	1042	959	1048
Phosphorus	ppm	812	766	823	869
Barium	ppm	0	0	0	<1
Boron	ppm	58	63	56	53

Depot: MARDIC
Unique No: 10875267
Signed: Wes Davis
Report Date: 14 Feb 2024

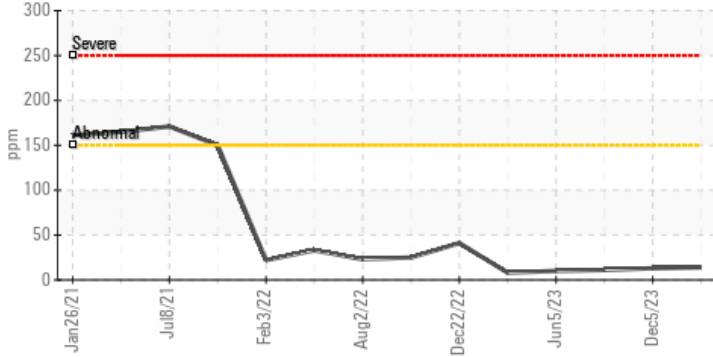


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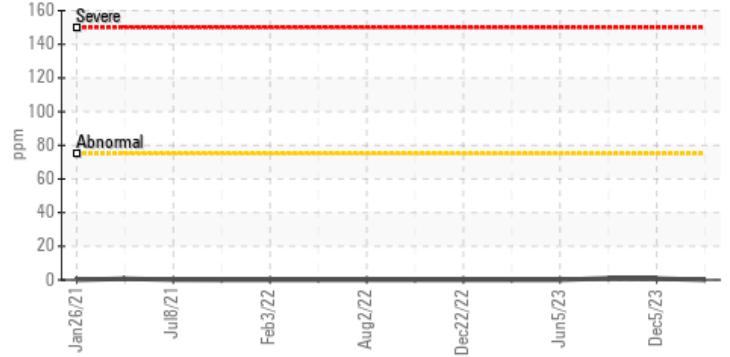


GRAPHS

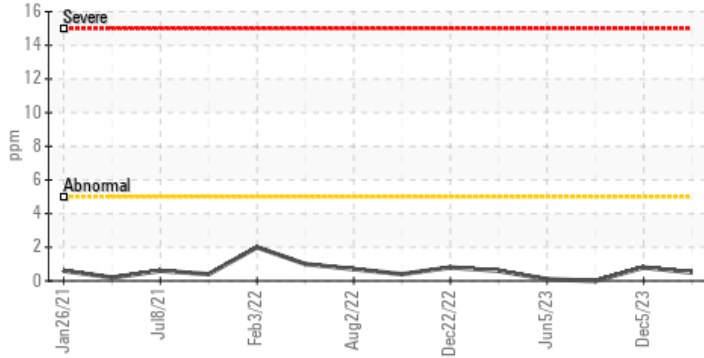
Iron (ppm)



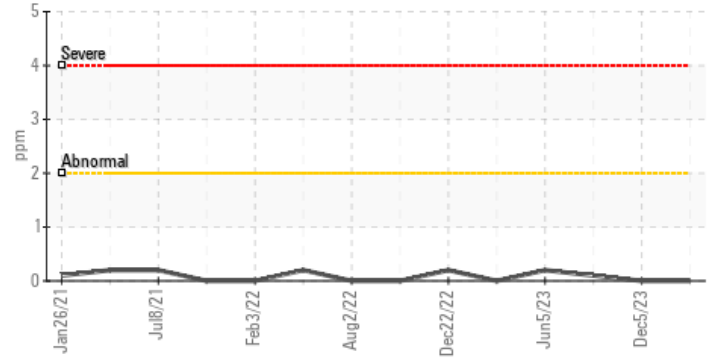
Lead (ppm)



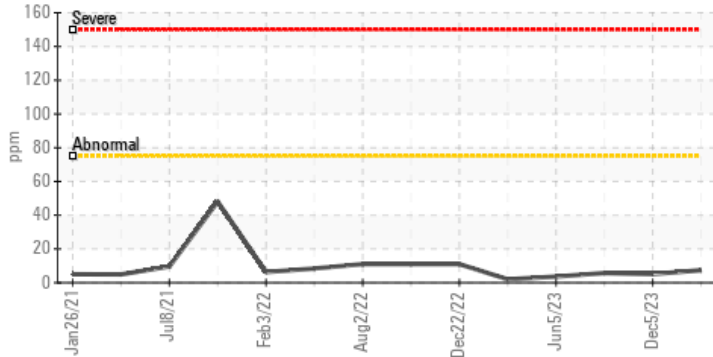
Aluminum (ppm)



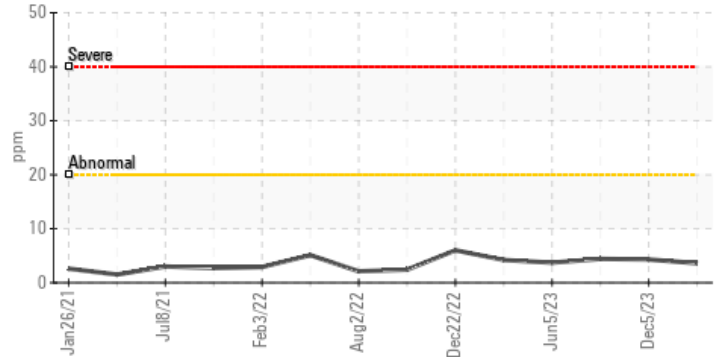
Chromium (ppm)



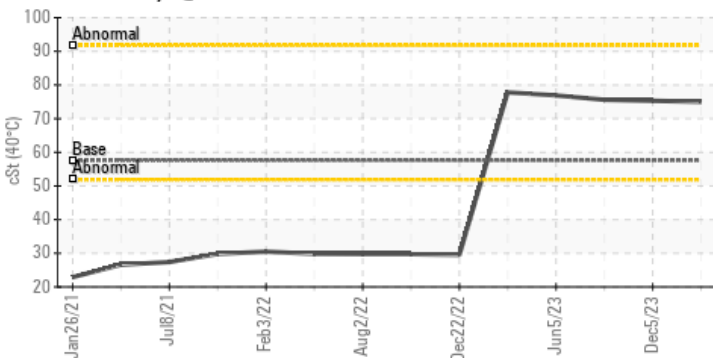
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

