



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - TRANSMISSION (AUTO)



Sample No: VCP418077
Oil Type: MOBIL MOBILTRANS AST 30
Job No:



SAMPLE INFORMATION

Sample Number	VCP418077	VCP392756	VCP405010	VCP338092
Sample Date	06 Sep 2023	05 Jun 2023	24 Mar 2023	22 Dec 2022
Machine Hours	12744	12465	12252	12001
Oil Hours	744	465	250	1037
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	75.6	76.9	77.81	29.5
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CONTAMINATION

Silicon	ppm	4	4	4	6
Sodium	ppm	3	2	2	2
Potassium	ppm	2	<1	0	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	10	8	41
Copper	ppm	6	4	2	11
Lead	ppm	1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	1	1	2	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2355	2481	2363	209
Magnesium	ppm	26	25	29	6
Zinc	ppm	959	1048	1020	67
Phosphorus	ppm	823	869	847	258
Barium	ppm	0	<1	0	0
Boron	ppm	56	53	52	82

Depot: MARDIC
Unique No: 10645652
Signed: Jonathan Hester
Report Date: 15 Sep 2023

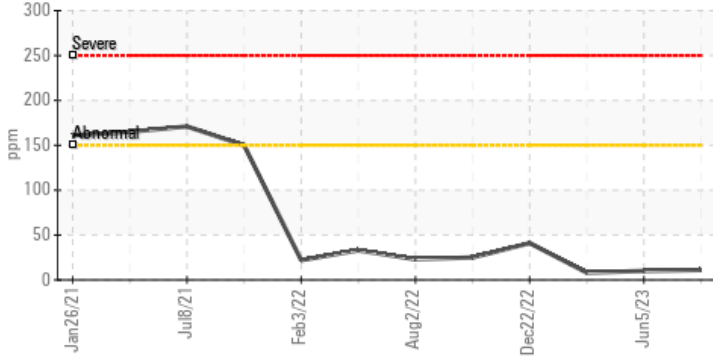


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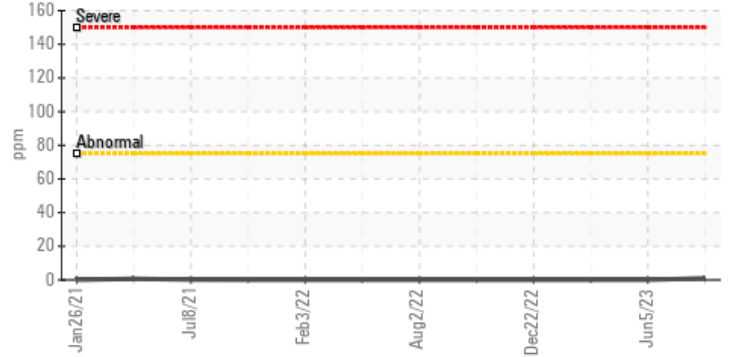


GRAPHS

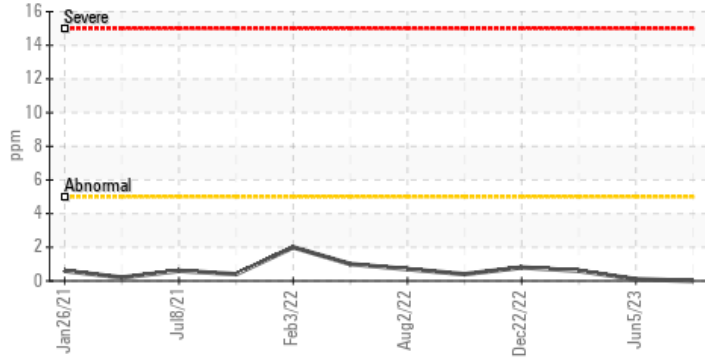
Iron (ppm)



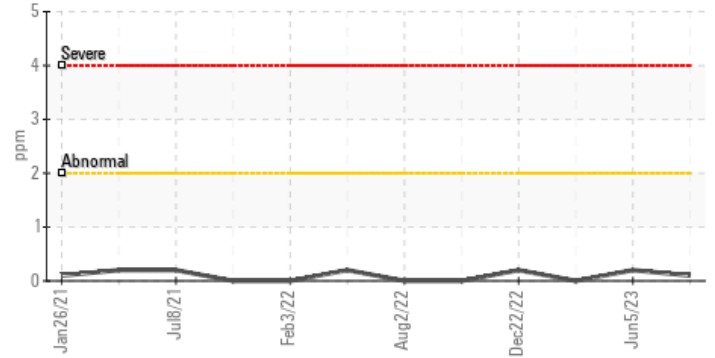
Lead (ppm)



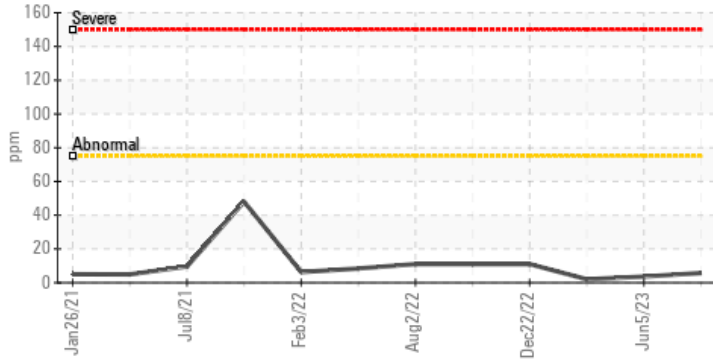
Aluminum (ppm)



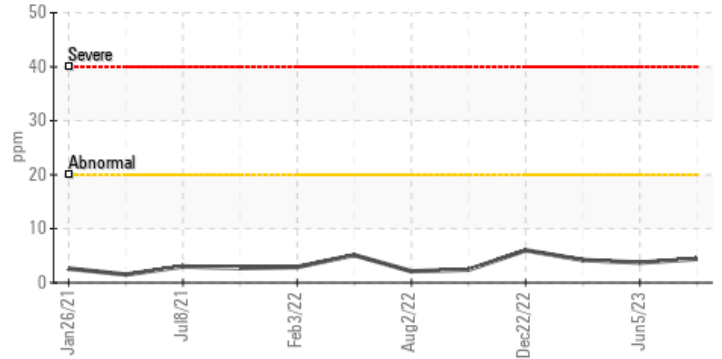
Chromium (ppm)



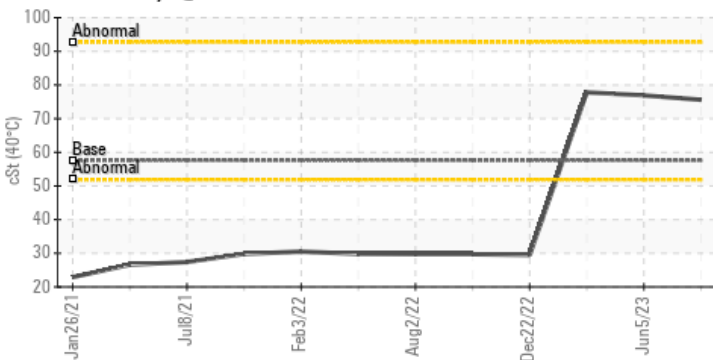
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

