



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3069 - TRANSMISSION (AUTO)



Sample No: VCP440141
Oil Type: MOBIL ATF
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP440141	VCP339793	VCP322322	VCP263615
Sample Date	27 Feb 2024	11 Apr 2022	24 Sep 2021	21 Jan 2020
Machine Hours	15532	10745	7950	3734
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	SEVERE	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	25.4	25.9	28.1	29.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	4	5	11
Sodium	ppm	2	4	4	6
Potassium	ppm	2	0	0	<1

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The iron level is severe. 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	315	195	142	108
Copper	ppm	14	8	7	9
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	2	2	2
Chromium	ppm	2	1	1	<1
Molybdenum	ppm	1	1	1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	6	4	3	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	128	122	151	761
Magnesium	ppm	11	8	11	11
Zinc	ppm	32	23	28	288
Phosphorus	ppm	190	212	221	347
Barium	ppm	0	0	0	3
Boron	ppm	78	76	79	57

Depot: VOLVO1835
Unique No: 10940934
Signed: Don Baldrige
Report Date: 26 Mar 2024

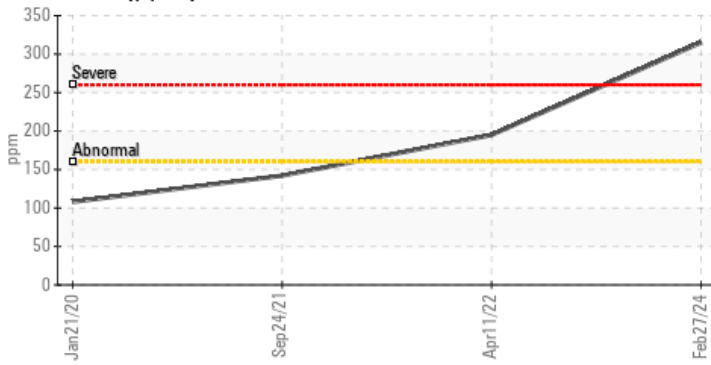


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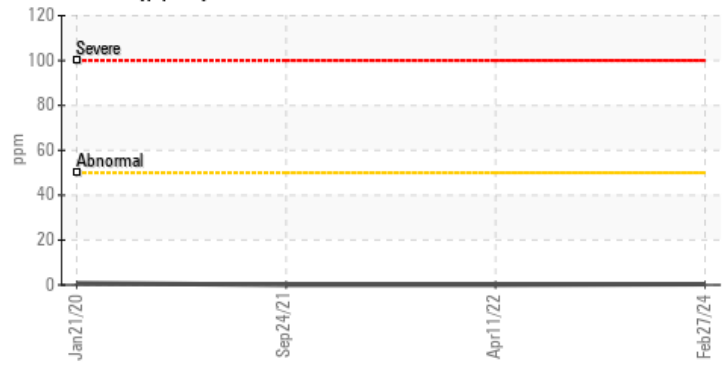


GRAPHS

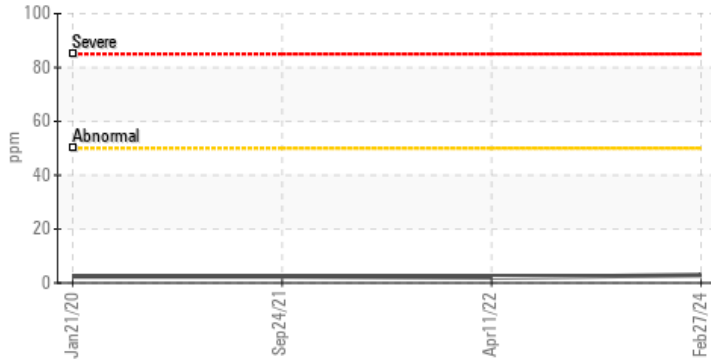
▲ Iron (ppm)



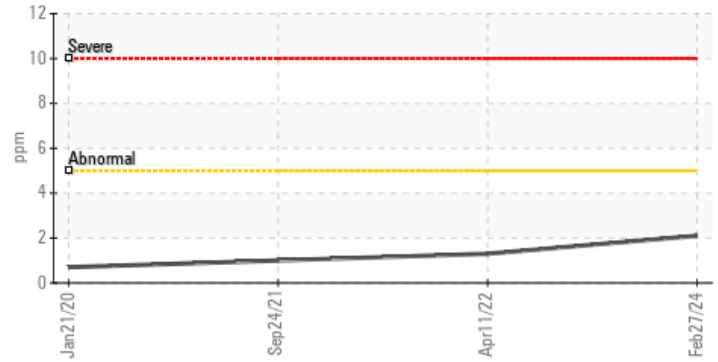
Lead (ppm)



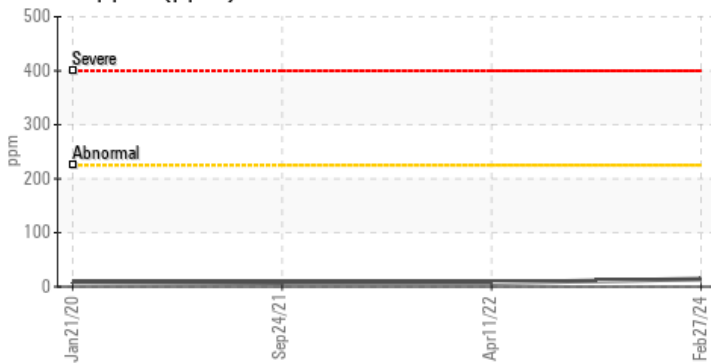
Aluminum (ppm)



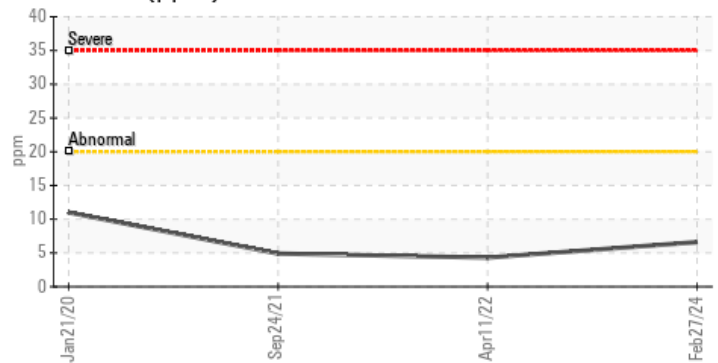
Chromium (ppm)



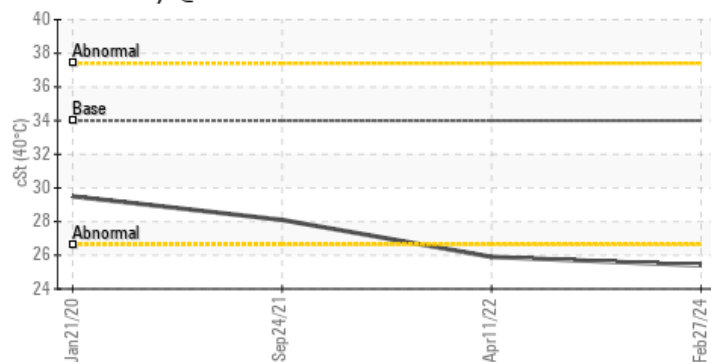
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

