



CONSTRUCTION EQUIPMENT

X11169 OLD CASTLE VOLVO L90H 626888 - TRANSMISSION (AUTO)



Sample No: VCP439713
Oil Type: VOLVO
Job No: X11169 OLD CASTLE



SAMPLE INFORMATION

Sample Number	VCP439713	VCP413423	---	---
Sample Date	09 Feb 2024	15 Dec 2023	---	---
Machine Hours	1000	713	---	---
Oil Hours	1000	713	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	10	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	3	<1	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All other metal levels are typical for a new component breaking in. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	124	98	---	---
Copper	ppm	6	5	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	8	6	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	72	60	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	25	8	---	---
Phosphorus	ppm	159	140	---	---
Barium	ppm	5	0	---	---
Boron	ppm	73	76	---	---

Depot: VOLVO1034
Unique No: 10883463
Signed: Don Baldrige
Report Date: 17 Feb 2024

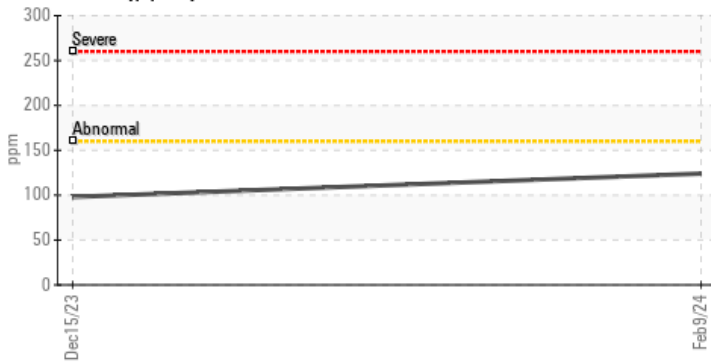


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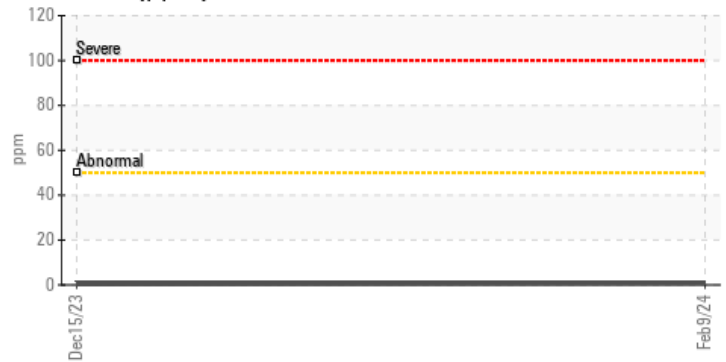


GRAPHS

Iron (ppm)



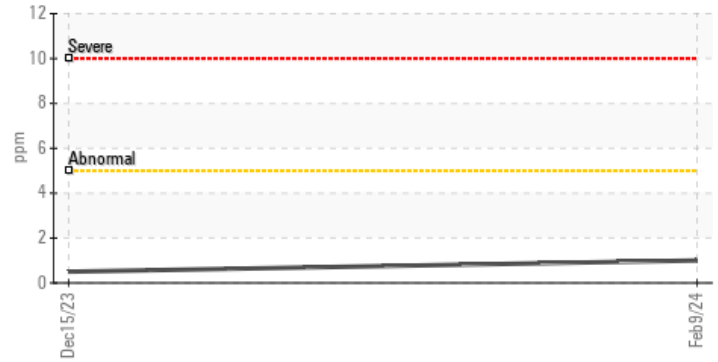
Lead (ppm)



Aluminum (ppm)



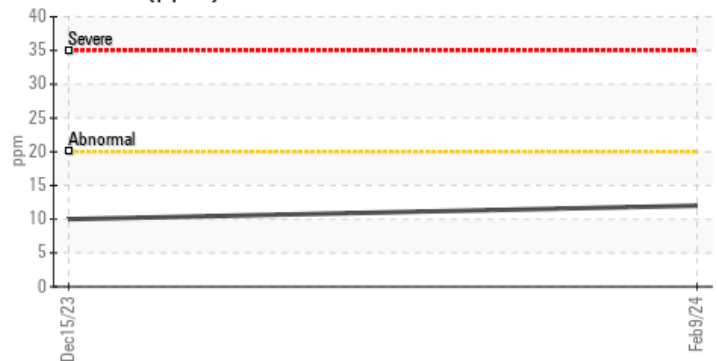
Chromium (ppm)



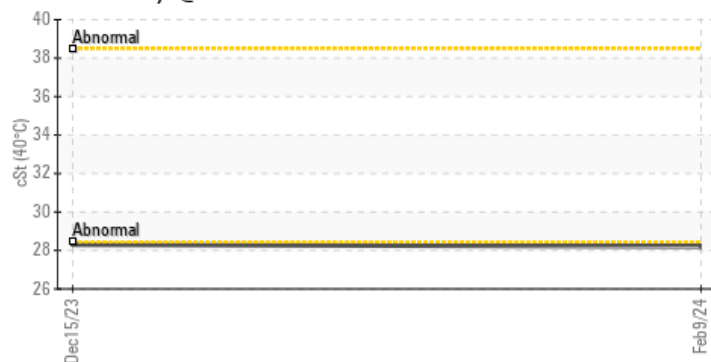
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

