



CONSTRUCTION EQUIPMENT

TMR-PUNTA GORDA SWA493086 467142 VOLVO L90H 624974 - TRANSMISSION (AUTO)



Sample No: VCP441327
Oil Type: VOLVO AT 102
Job No: SWA493086



SAMPLE INFORMATION

Sample Number	VCP441327	VCP437762	VCP344059	VCP316402
Sample Date	22 Feb 2024	22 Feb 2024	10 Nov 2021	12 Aug 2021
Machine Hours	0	8239	4883	4475
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	N/A	Changed	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

TRADEMARK METALS RECYCLING - PUNTA GORDA
5005 DALEWOOD STREET
PUNTA GORDA, FL
US 33982
Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	30.4	29.3	26.2	26.4
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T:
F: (941)575-4458



CONTAMINATION

Water	%	NEG	▲ 0.317	NEG	NEG
Silicon	ppm	7	7	6	6
Sodium	ppm	5	7	6	6
Potassium	ppm	4	2	<1	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 174	▲ 171	▲ 179	▲ 170
Copper	ppm	9	8	7	6
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	5	6	5	4
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	7	5	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	4	3	5	5
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	248	268	89	88
Magnesium	ppm	57	63	3	3
Zinc	ppm	153	155	24	33
Phosphorus	ppm	233	253	173	168
Barium	ppm	2	0	0	0
Boron	ppm	56	57	54	61

Depot: TRAPUN
Unique No: 10900333
Signed: Jonathan Hester
Report Date: 29 Feb 2024

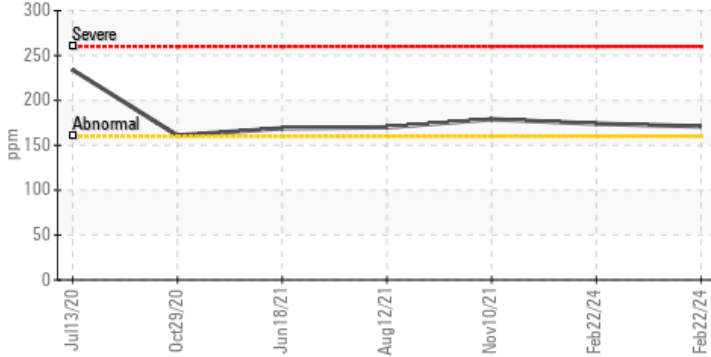


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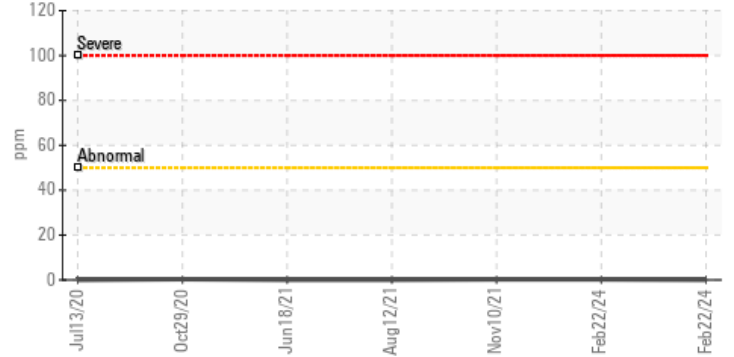


GRAPHS

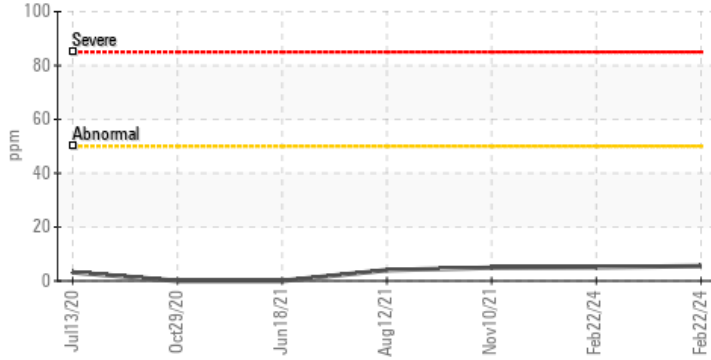
▲ Iron (ppm)



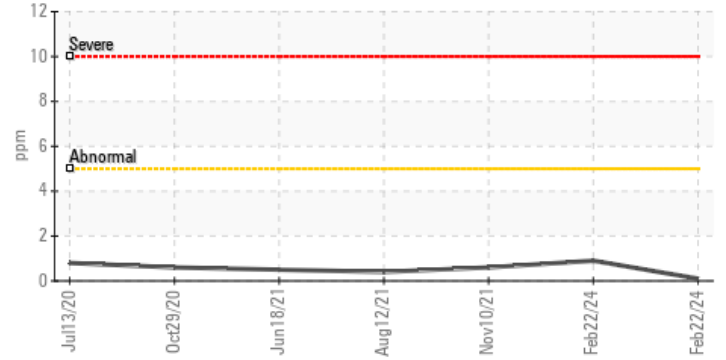
Lead (ppm)



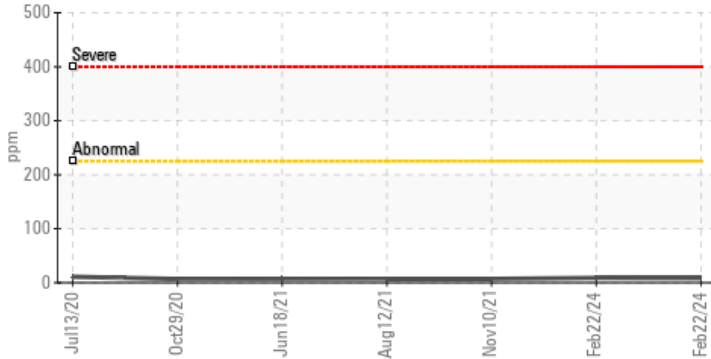
Aluminum (ppm)



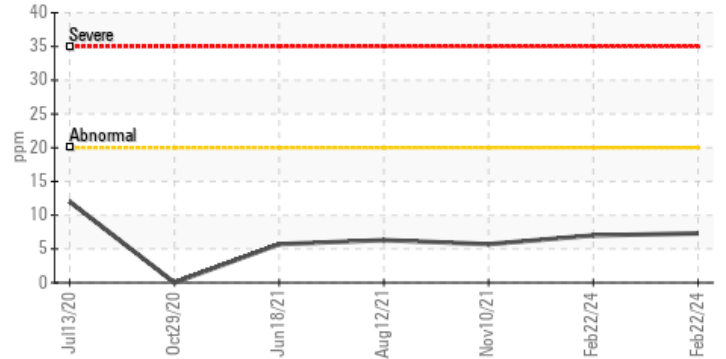
Chromium (ppm)



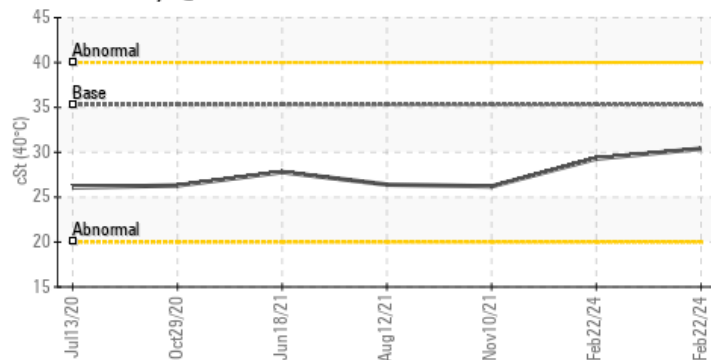
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

