



CONSTRUCTION EQUIPMENT

7107HR VOLVO L180H 5398 - TRANSMISSION (AUTO)



Sample No: VCP449174
Oil Type: VOLVO AT 102
Job No: 7107HR



SAMPLE INFORMATION

Sample Number	VCP449174	VCP335934	---	---
Sample Date	07 Jun 2024	22 Feb 2022	---	---
Machine Hours	8136	2291	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

PENNSY SUPPLY INC
 1001 PAXTON STREET
 HARRISBURG, PA
 US 17111
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	28.4	26.3	---	---
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T: (717)233-4511
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	7	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	1	0	---	---

Diagnosis

Resample at the next service interval to monitor. (transmission issues).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	15	70	---	---
Copper	ppm	4	9	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	70	94	---	---
Magnesium	ppm	4	0	---	---
Zinc	ppm	12	12	---	---
Phosphorus	ppm	201	162	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	81	59	---	---

Depot: PENHARUS
Unique No: 11075761
Signed: Don Baldrige
Report Date: 14 Jun 2024

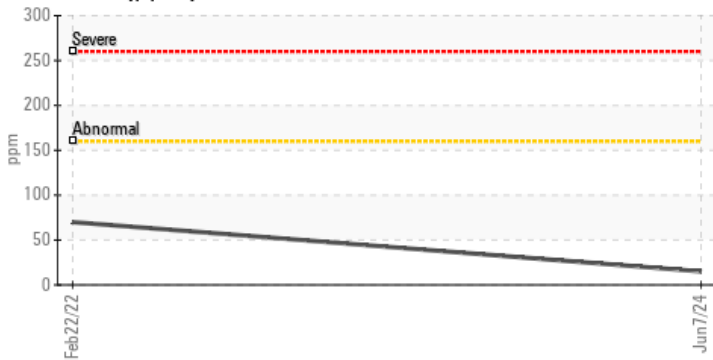


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GRAPHS

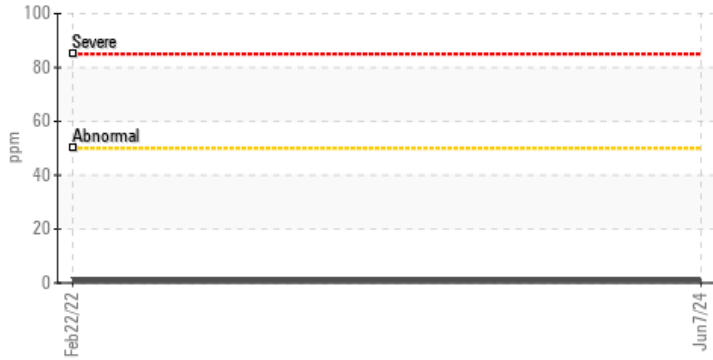
Iron (ppm)



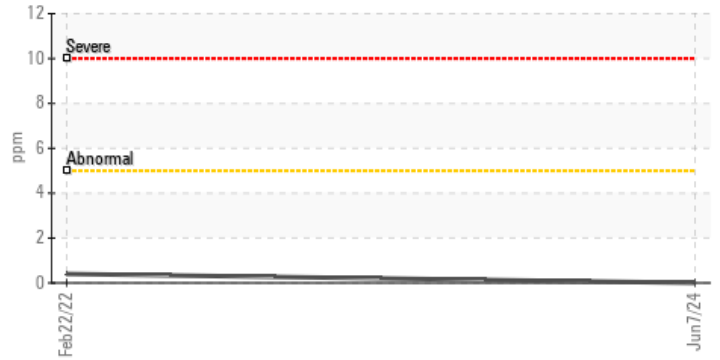
Lead (ppm)



Aluminum (ppm)



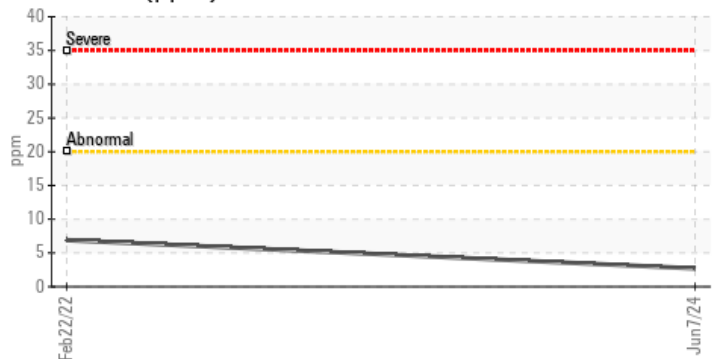
Chromium (ppm)



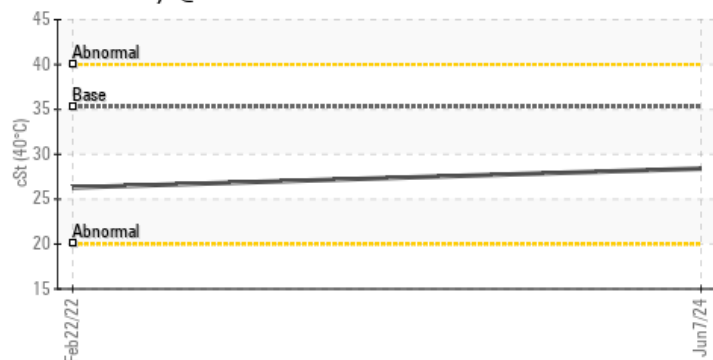
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

