



CONSTRUCTION EQUIPMENT

DDW VOLVO L50HS 422 157 - TRANSMISSION (AUTO)



Sample No: VCP363774
Oil Type: {unknown}
Job No: DDW



SAMPLE INFORMATION

Sample Number	VCP363774	VCP363775	---	---
Sample Date	16 Jul 2024	01 Jul 2024	---	---
Machine Hours	725	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

VCES - VOLVO CONSTRUCTION EQUIPMENT & SERVICES
 4501 E VOLVO AVE
 FRESNO, CA
 US 93724
 Contact: Greg Ferris
 greg.ferris@vcesvolvo.com
 T:
 F: (559)834-4425



OIL CONDITION

Visc @ 40°C	cSt	26.4	27.1	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	▲ 26	▲ 25	---	---
Sodium	ppm	■ 10	■ 7	---	---
Potassium	ppm	■ 6	■ 8	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 90	■ 92	---	---
Copper	ppm	■ <1	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 2	■ 3	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	193	156	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	12	7	---	---
Phosphorus	ppm	163	172	---	---
Barium	ppm	33	30	---	---
Boron	ppm	59	55	---	---

Depot: VOLVO4613
Unique No: 11128344
Signed: Jonathan Hester
Report Date: 19 Jul 2024

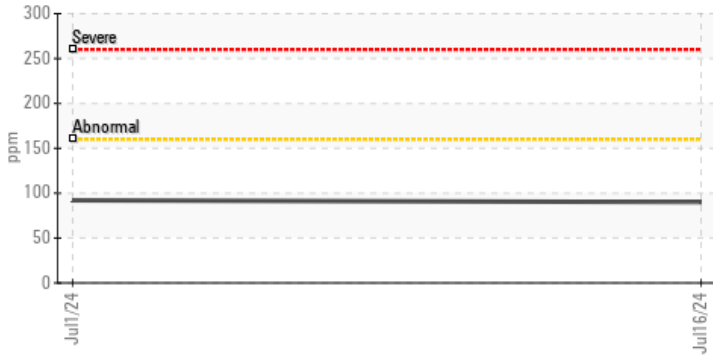


CONSTRUCTION EQUIPMENT

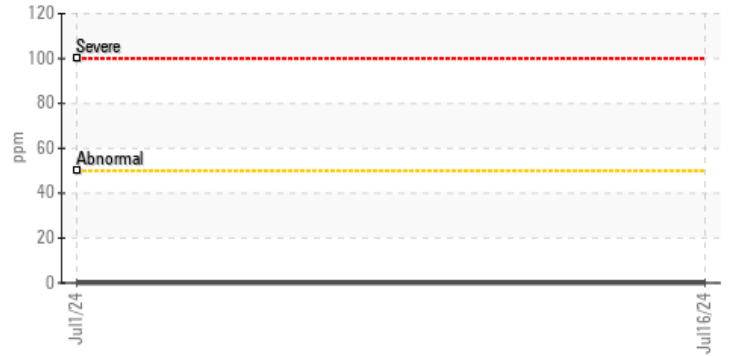


GRAPHS

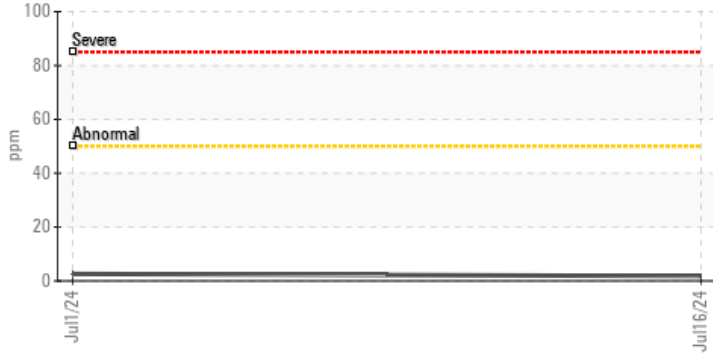
Iron (ppm)



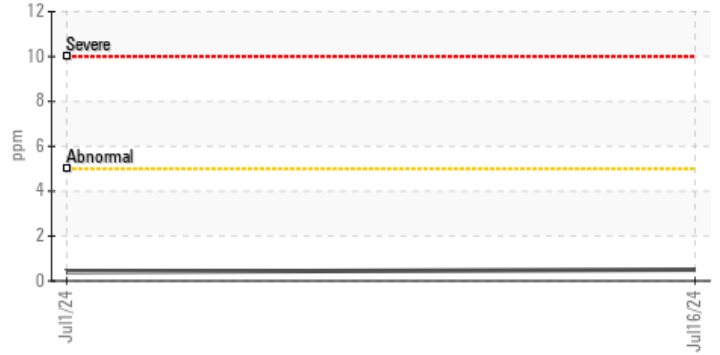
Lead (ppm)



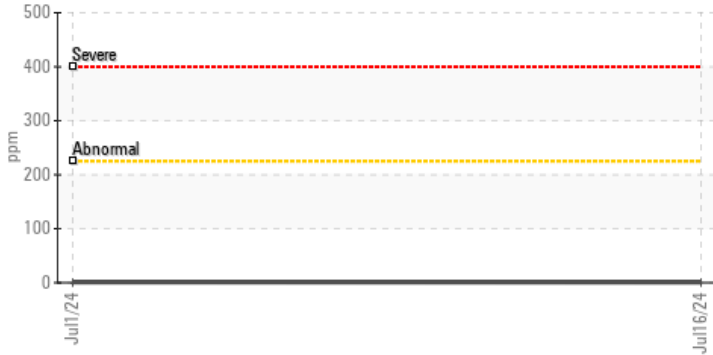
Aluminum (ppm)



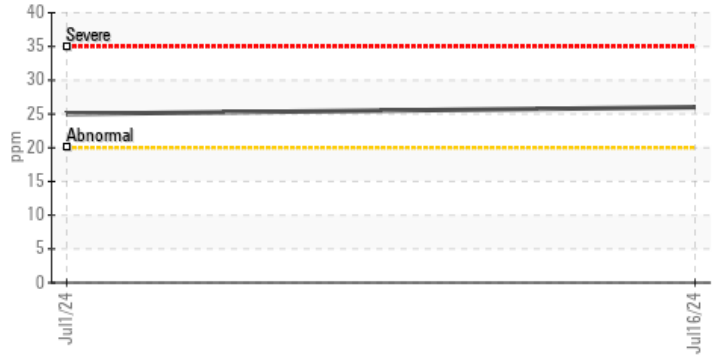
Chromium (ppm)



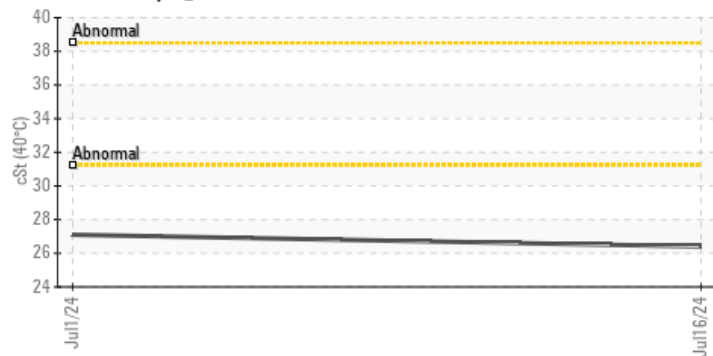
Copper (ppm)



▲ Silicon (ppm)



Viscosity @ 40°C



Additives

