



CONSTRUCTION EQUIPMENT

225089 JMK VOLVO L90H 625422 - TRANSMISSION (MANUAL)



Sample No: VCP424223
Oil Type: TDTO FLUID SAE 10W
Job No: 225089 JMK



SAMPLE INFORMATION

Sample Number	VCP424223	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	11125	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

PACWEST MACHINERY
8207 SOUTH 216TH STREET
KENT, WA
US 98032
Contact: CHRIS COPELAND
ccopeland@pacwestmachinery.com
T: (800)935-5933
F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	█ 45.9	---	---	---
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CONTAMINATION

Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis
Resample at the next service interval to monitor. 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	█ 35	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3846	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	█ 1020	---	---	---
Phosphorus	ppm	█ 854	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

Depot: VOLVO1271
Unique No: 10619209
Signed: Don Baldrige
Report Date: 26 Aug 2023

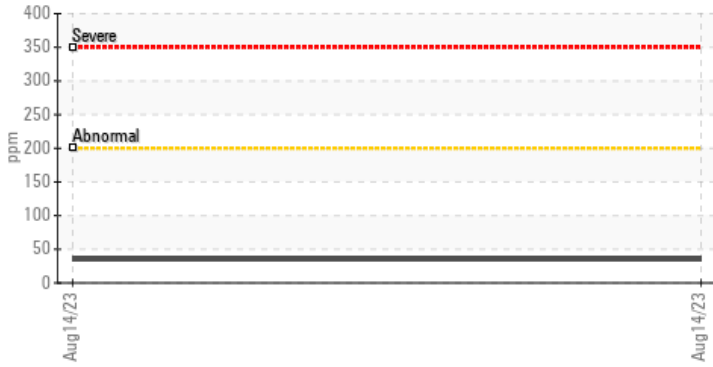


CONSTRUCTION EQUIPMENT

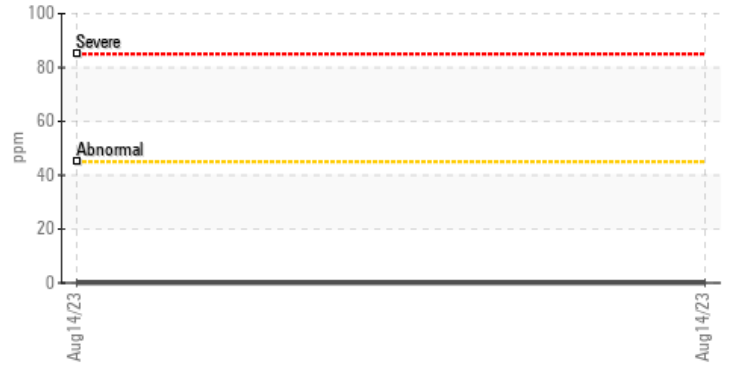


GRAPHS

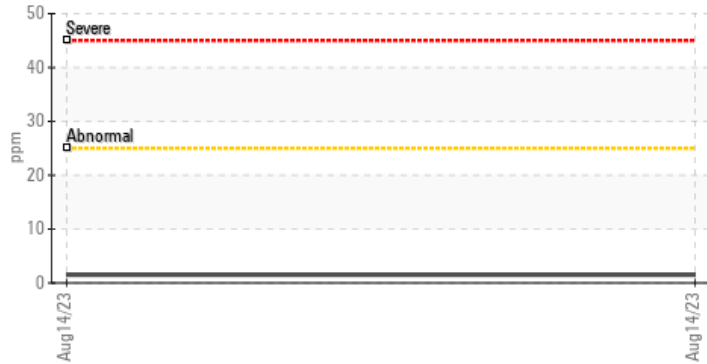
Iron (ppm)



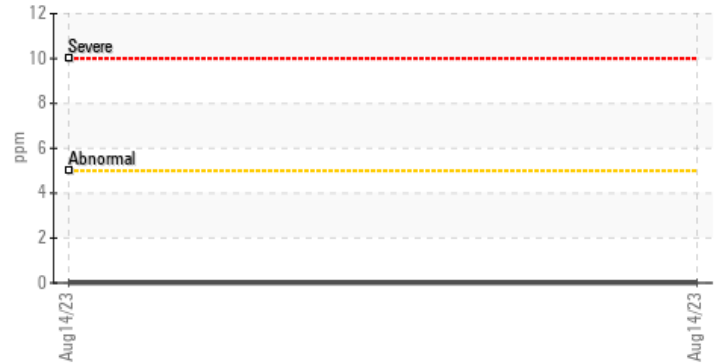
Lead (ppm)



Aluminum (ppm)



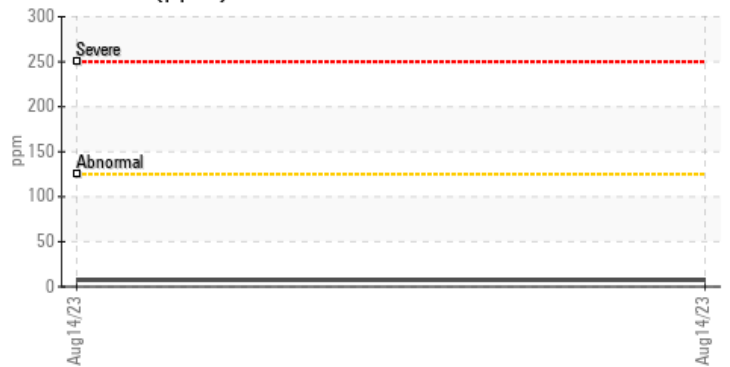
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

