



CONSTRUCTION EQUIPMENT

SW1029722 SUPERLITE VOLVO L90H 626359 - TRANSMISSION (AUTO)



Sample No: VCP439430
Oil Type: DEXRON III
Job No: SW1029722 SUPERLITE



SAMPLE INFORMATION

Sample Number	VCP439430	---	---	---
Sample Date	07 Feb 2024	---	---	---
Machine Hours	1403	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
 F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	■ 30.0	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 159	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 194	---	---	---
Magnesium	ppm	51	---	---	---
Zinc	ppm	121	---	---	---
Phosphorus	ppm	■ 249	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 61	---	---	---

Depot: VOLVO6174
Unique No: 10875272
Signed: Jonathan Hester
Report Date: 15 Feb 2024

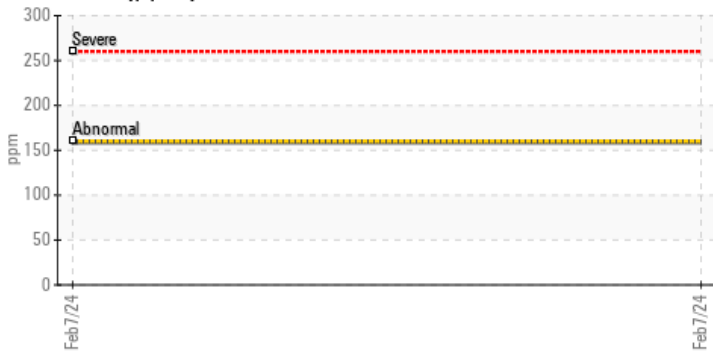


CONSTRUCTION EQUIPMENT



GRAPHS

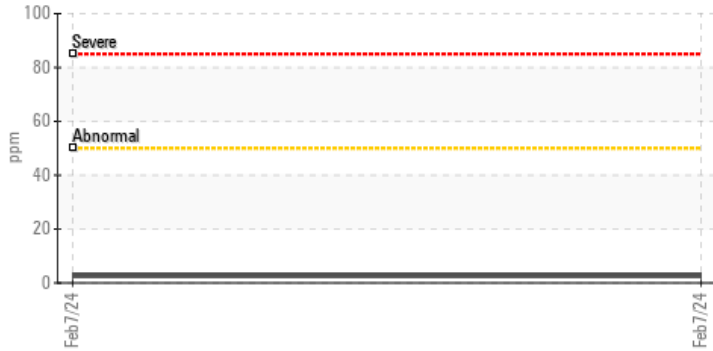
Iron (ppm)



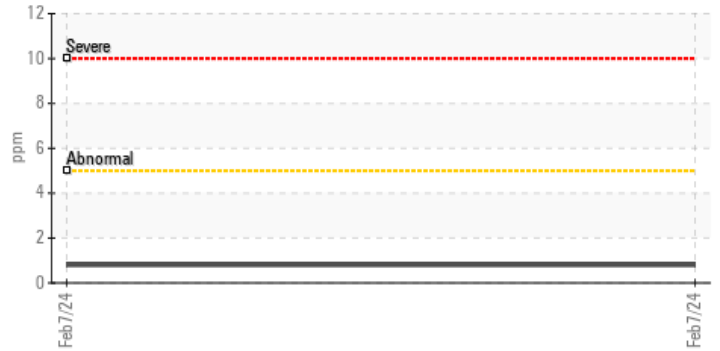
Lead (ppm)



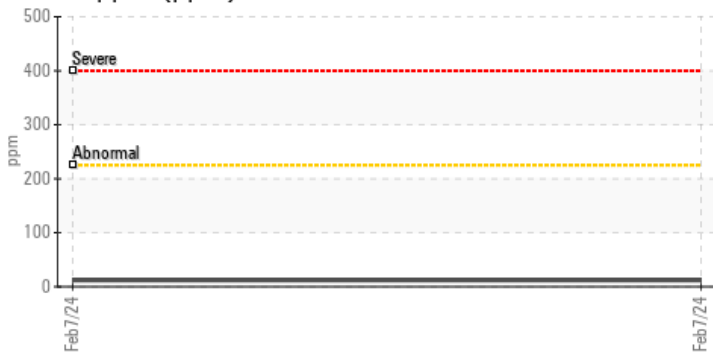
Aluminum (ppm)



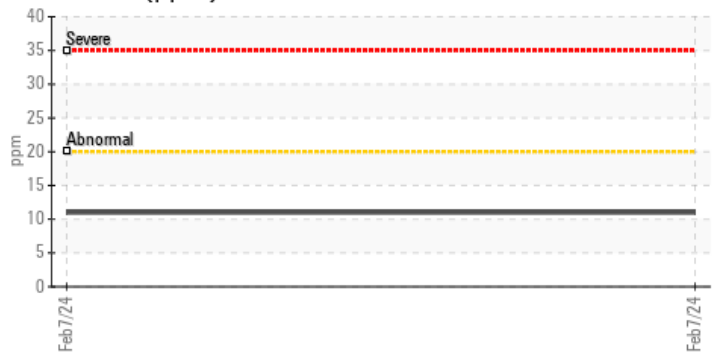
Chromium (ppm)



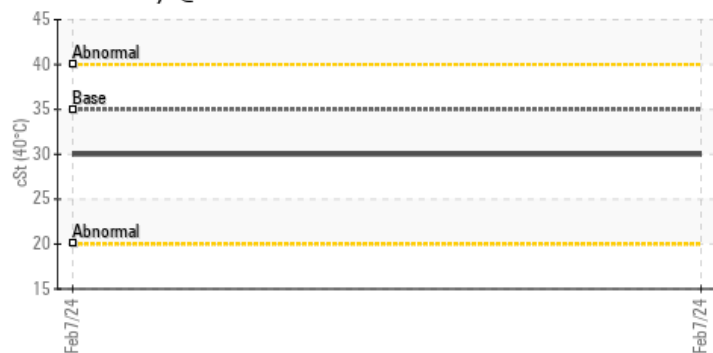
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

