



CONSTRUCTION EQUIPMENT

SW-2496-2 STAKER VOLVO L220H 2572 - REAR AXLE



Sample No: VCP439405
Oil Type: VOLVO 1000
Job No: SW-2496-2 STAKER



SAMPLE INFORMATION

Sample Number	VCP439405	VCP319211	---	---
Sample Date	11 Jan 2024	16 Jul 2021	---	---
Machine Hours	17253	15484	---	---
Oil Hours	0	1000	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: TJ LARK
 tlark@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	42.6	40.9	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	11	---	---
Sodium	ppm	5	3	---	---
Potassium	ppm	2	<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	12	59	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3763	1344	---	---
Magnesium	ppm	10	11	---	---
Zinc	ppm	1561	784	---	---
Phosphorus	ppm	1380	634	---	---
Barium	ppm	0	0	---	---
Boron	ppm	126	53	---	---

Depot: VOLVO8770
Unique No: 10842677
Signed: Wes Davis
Report Date: 22 Jan 2024

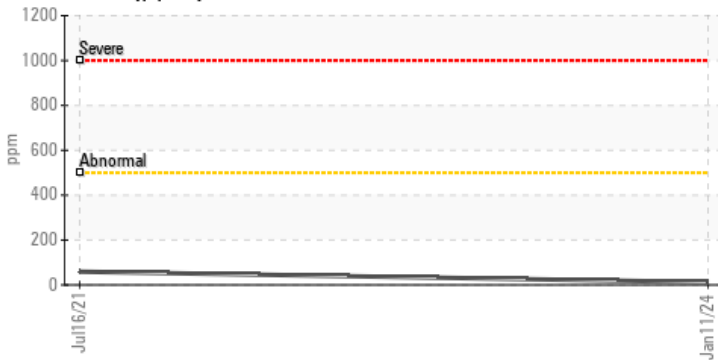


CONSTRUCTION EQUIPMENT



GRAPHS

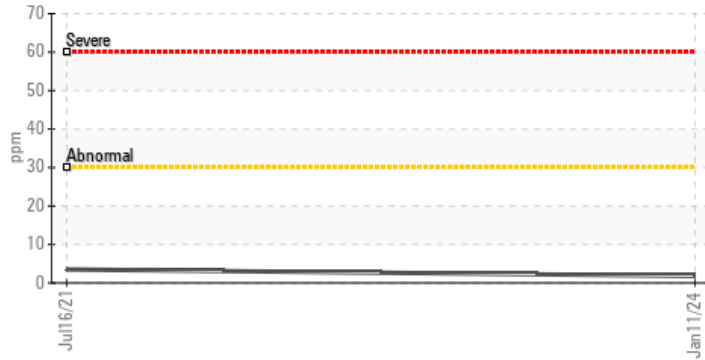
Iron (ppm)



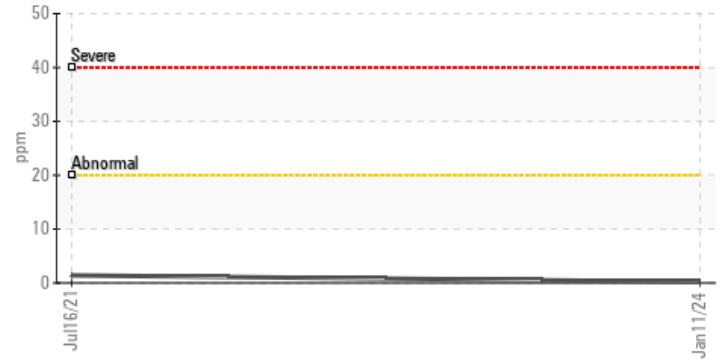
Lead (ppm)



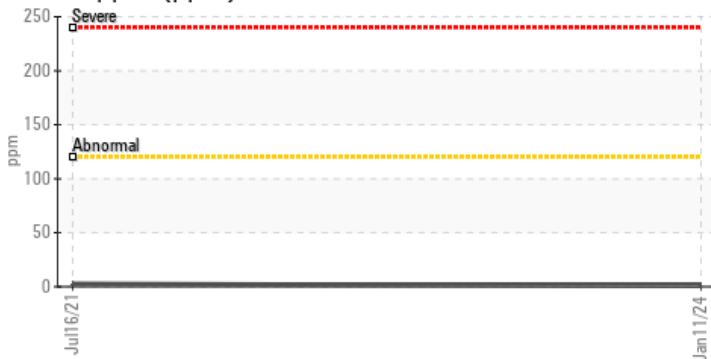
Aluminum (ppm)



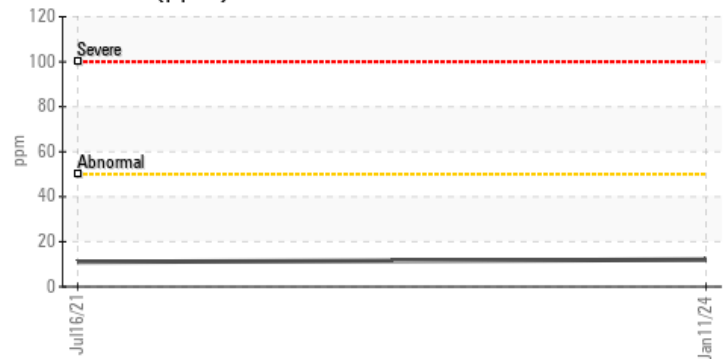
Chromium (ppm)



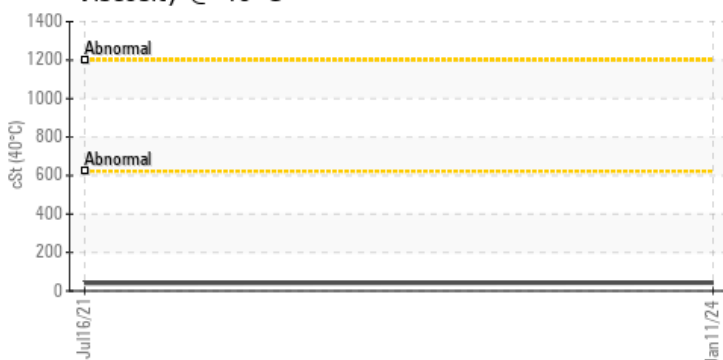
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

