



CONSTRUCTION EQUIPMENT

674384 VOLVO A30G 753001 - WET DISC BRAKE



Sample No: VCP445976
Oil Type: VOLVO WB 102
Job No: 674384



SAMPLE INFORMATION

Sample Number	VCP445976	VCP431811	VCP421057	---
Sample Date	14 Feb 2024	12 Dec 2023	18 Jul 2023	---
Machine Hours	2293	1980	999	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	ATTENTION	---

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	▲ 327	■ 45.5	▲ 342	---
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T: (772)461-3020
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ 2	■ 13	■ 12	---
Sodium	ppm	■ 0	■ 4	■ 3	---
Potassium	ppm	■ 0	■ 0	■ 3	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	▲ 67	■ 11	■ 8	---
Copper	ppm	■ 2	■ 62	■ 25	---
Lead	ppm	■ 0	■ 2	■ 0	---
Tin	ppm	■ 0	■ 0	■ 0	---
Aluminum	ppm	■ 3	■ 0	■ <1	---
Chromium	ppm	■ <1	■ 0	■ 0	---
Molybdenum	ppm	■ 6	■ 0	■ <1	---
Nickel	ppm	■ <1	■ 0	■ 0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ <1	■ <1	■ <1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	▲ 53	■ 3344	■ 4120	---
Magnesium	ppm	■ <1	■ 14	■ 19	---
Zinc	ppm	▲ 15	■ 1404	■ 1656	---
Phosphorus	ppm	■ 961	■ 1301	■ 1369	---
Barium	ppm	■ 0	■ 0	■ <1	---
Boron	ppm	■ 177	■ 116	■ 126	---

Depot: BLUFOR
Unique No: 10886161
Signed: Don Baldrige
Report Date: 21 Feb 2024

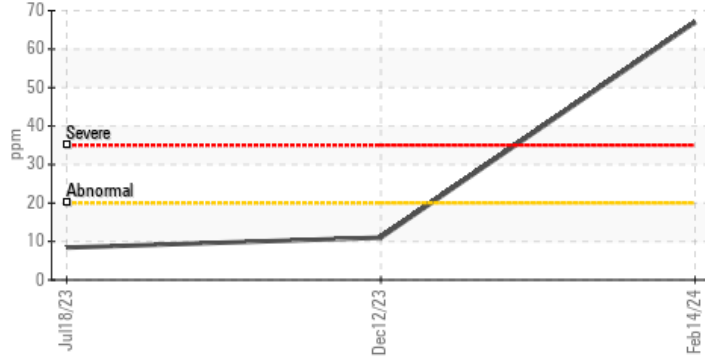


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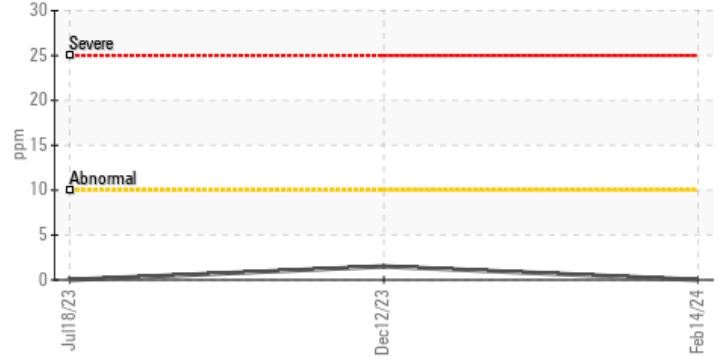


GRAPHS

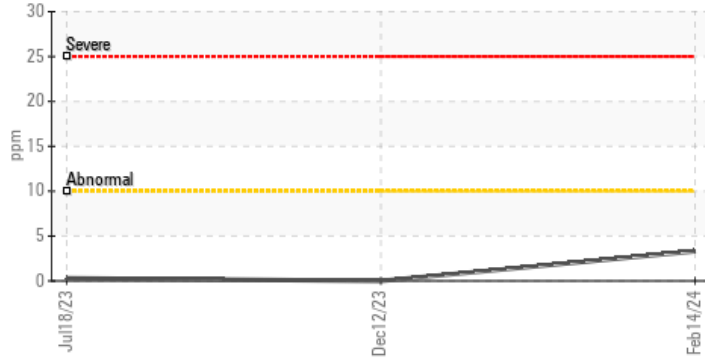
▲ Iron (ppm)



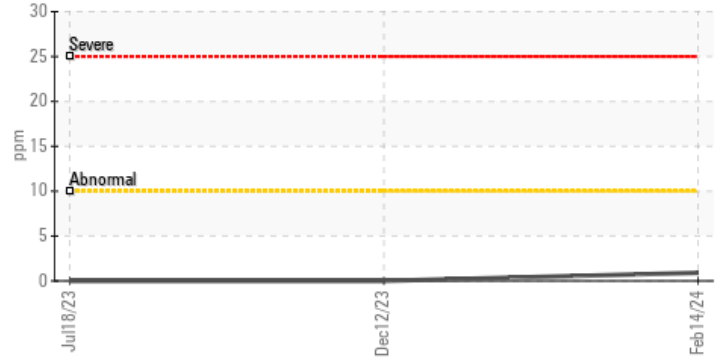
Lead (ppm)



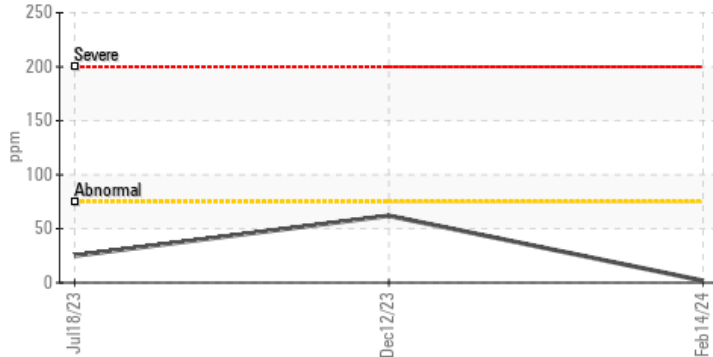
Aluminum (ppm)



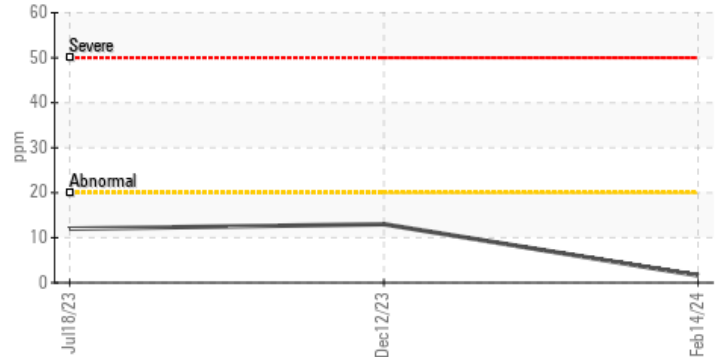
Chromium (ppm)



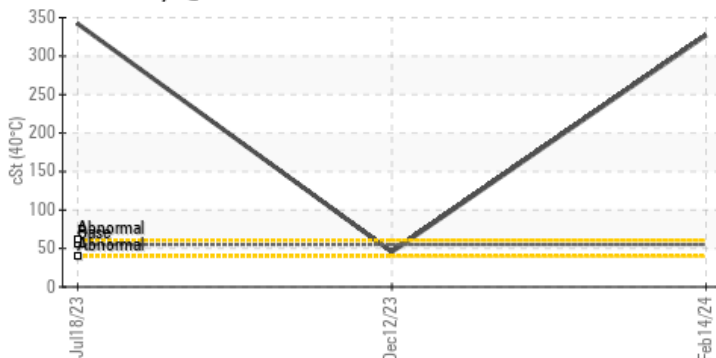
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 40°C



▲ Additives

