



CONSTRUCTION EQUIPMENT

SWA451573 CON FAB MANTIS 9010 90-124 - WINCH



Sample No: VCP441625
Oil Type: MOBIL MOBILGEAR 630
Job No: SWA451573 CON FAB



SAMPLE INFORMATION

Sample Number	VCP441625	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	5300	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: MARK DEROSA
mark.derosa@altg.com
T: (248)356-5200
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 127	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	▲ 281	---	---	---
Copper	ppm	█ 31	---	---	---
Lead	ppm	█ 14	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 93	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 82	---	---	---
Phosphorus	ppm	█ 451	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 41	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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.

Depot: VOLVO8885
Unique No: 10871819
Signed: Sean Felton
Report Date: 12 Feb 2024

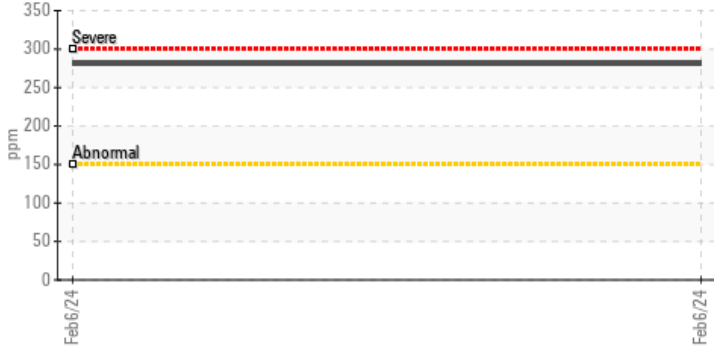


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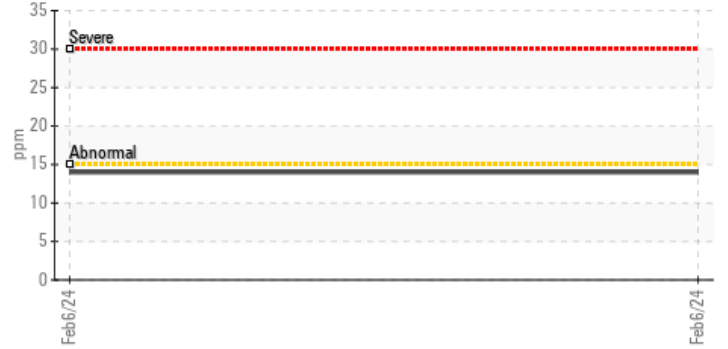


VOLVO GRAPHS

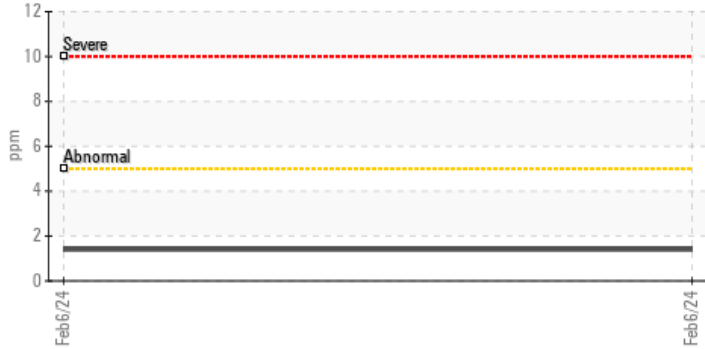
▲ Iron (ppm)



Lead (ppm)



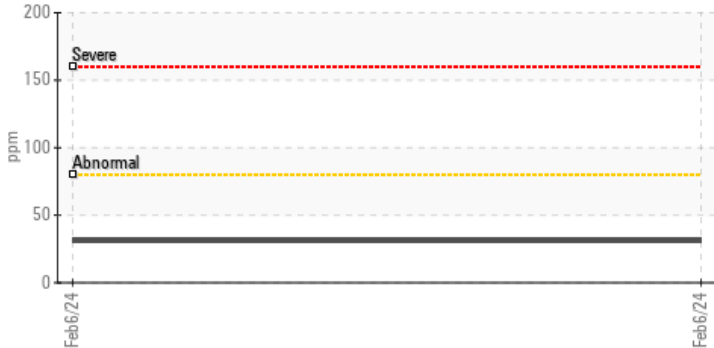
Aluminum (ppm)



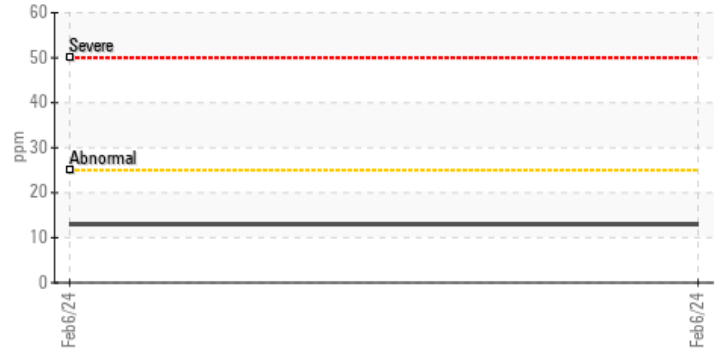
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

