



CONSTRUCTION EQUIPMENT

737235 MARTIN MARIET VOLVO A60H 350249 - WET DISC BRAKE



Sample No: VCP443389
Oil Type: CHEVRON 1000 THF
Job No: 737235 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP443389	VCP392575	---	---
Sample Date	02 Feb 2024	03 Aug 2023	---	---
Machine Hours	3003	2004	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 44.7	█ 40.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 14	█ 24	---	---
Sodium	ppm	█ 8	█ 11	---	---
Potassium	ppm	█ 0	█ 2	---	---

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	█ 24	█ 25	---	---
Copper	ppm	█ 162	█ 163	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 1	█ 4	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3310	█ 3627	---	---
Magnesium	ppm	█ 13	█ 9	---	---
Zinc	ppm	█ 1440	█ 1589	---	---
Phosphorus	ppm	█ 1250	█ 1277	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 88	126	---	---

Depot: VOLVO0088
Unique No: 10870307
Signed: Sean Felton
Report Date: 09 Feb 2024

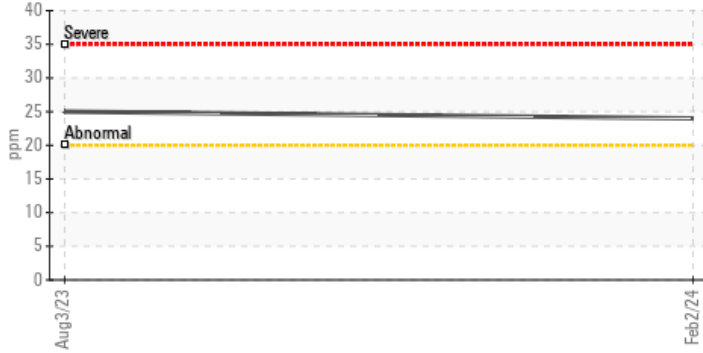


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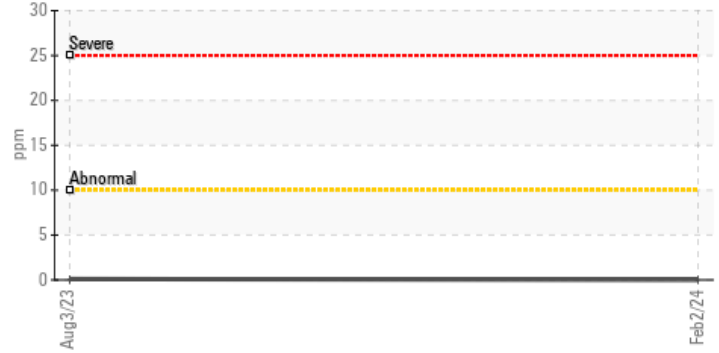


GRAPHS

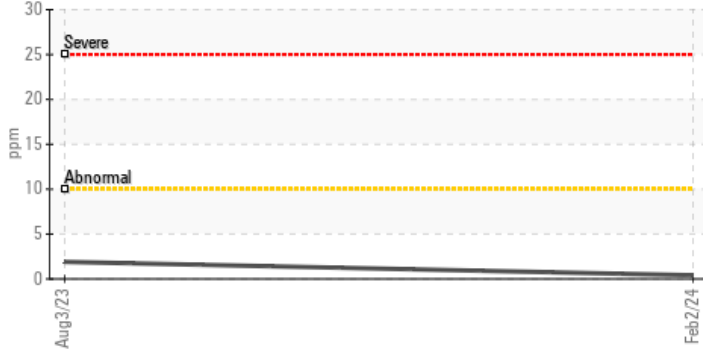
Iron (ppm)



Lead (ppm)



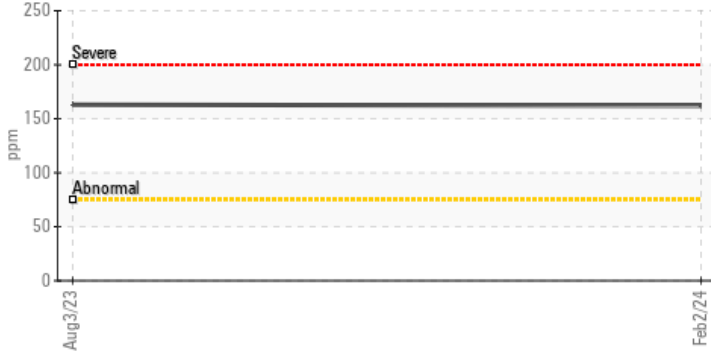
Aluminum (ppm)



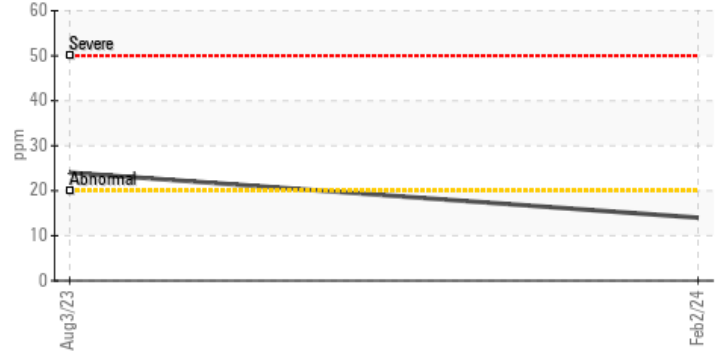
Chromium (ppm)



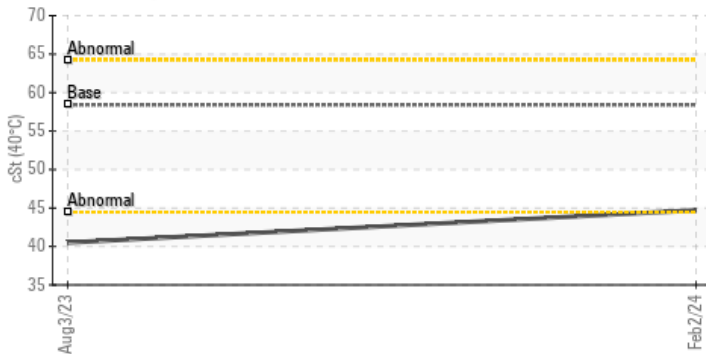
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

