



CONSTRUCTION EQUIPMENT

737235 MARTIN MARIET VOLVO A60H 350249 - TRANSMISSION



Sample No: VCP443388
Oil Type: CHEVRON 15W40
Job No: 737235 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP443388	VCP392581	VCP411273	---
Sample Date	02 Feb 2024	03 Aug 2023	09 Mar 2023	---
Machine Hours	3003	2004	1029	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	MARGINAL	---

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OIL CONDITION

Visc @ 40°C	cSt	75.2	76.1	76.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	8	12	---
Sodium	ppm	2	2	6	---
Potassium	ppm	0	2	0	---

Diagnosis

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



WEAR METALS

Iron	ppm	5	18	10	---
Copper	ppm	5	8	15	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	3	3	2	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	109	102	42	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	53	64	71	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	1406	1470	1638	---
Magnesium	ppm	606	584	529	---
Zinc	ppm	844	951	1057	---
Phosphorus	ppm	762	795	941	---
Barium	ppm	0	0	0	---
Boron	ppm	307	278	72	---

Depot: VOLVO0088
Unique No: 10870311
Signed: Don Baldrige
Report Date: 09 Feb 2024

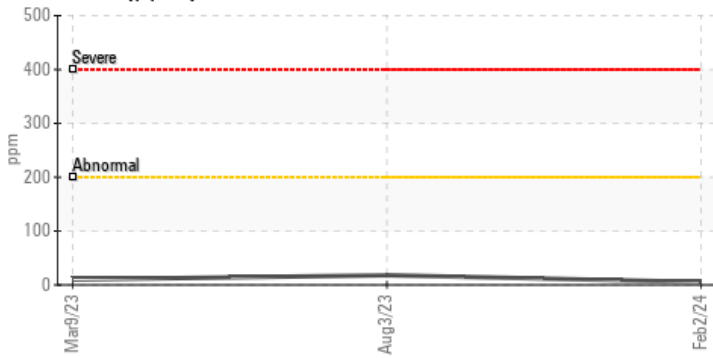


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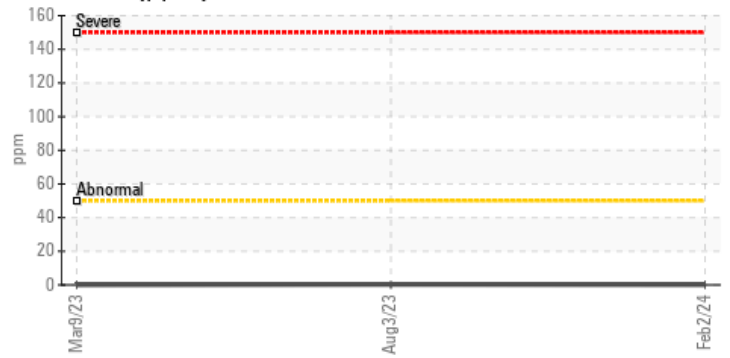


GRAPHS

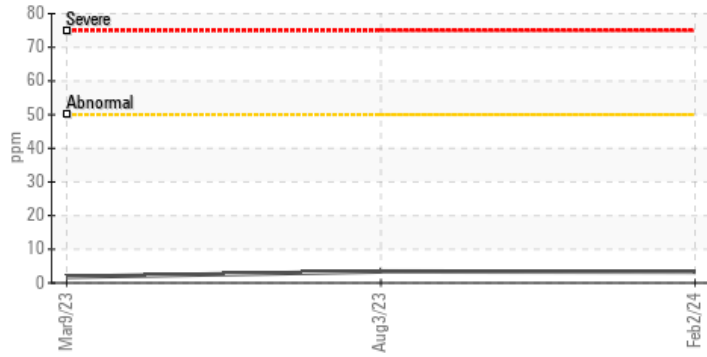
Iron (ppm)



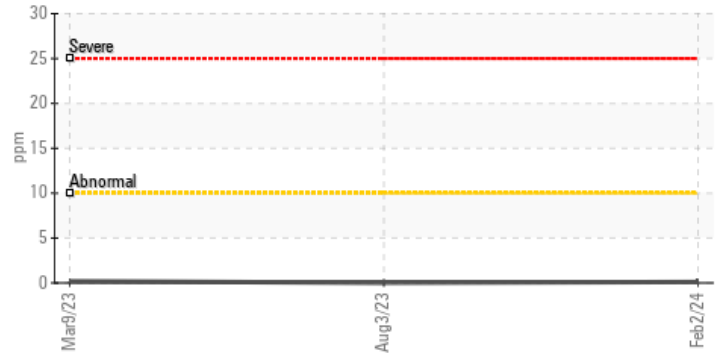
Lead (ppm)



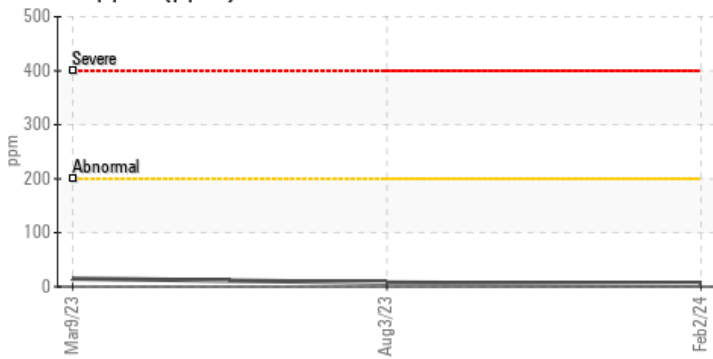
Aluminum (ppm)



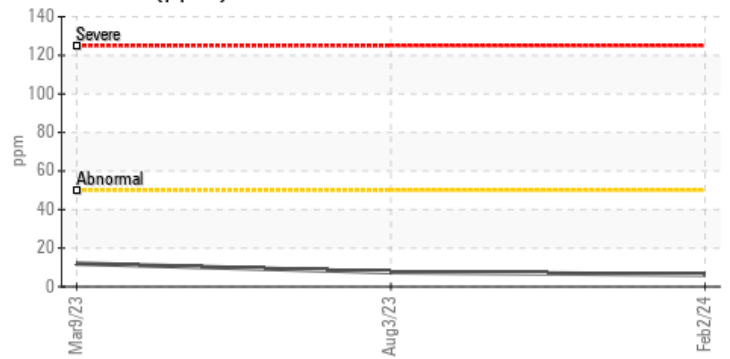
Chromium (ppm)



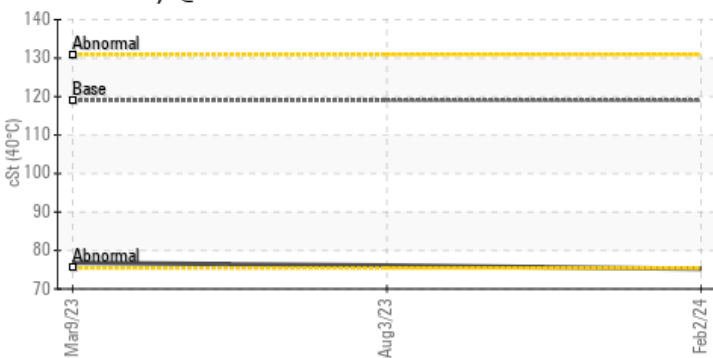
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

