



CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - COOLANT



Sample No: VCP437245
Oil Type: {unknown}
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437245	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Sample Status	NORMAL	---	---	---

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COOLANT CONDITION

pH	Scale 0-14	■ 7.35	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	■ NT	---	---	---
Percentage Glycol	%	■ 43.9	---	---	---
Freezing Point	°C	■ -19	---	---	---

Diagnosis

No corrective action is recommended at this time. The fluid is suitable for further service. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.



CONTAMINATION

Coolant Appearance	normal	---	---	---
Coolant Color	Yllow	---	---	---

Depot: VOLVO8880
Unique No: 11004164
Signed: Jonathan Hester
Report Date: 02 May 2024

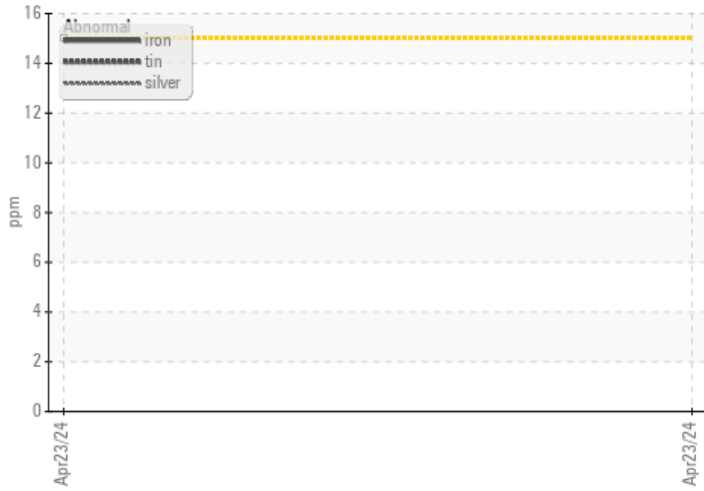


CONSTRUCTION EQUIPMENT

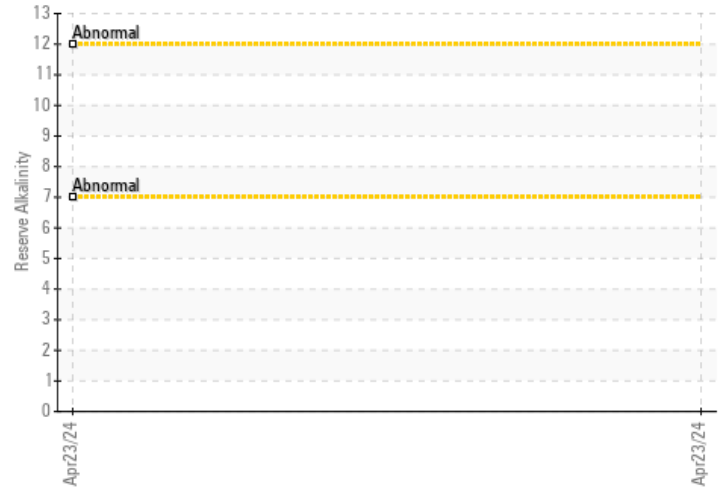


GRAPHS

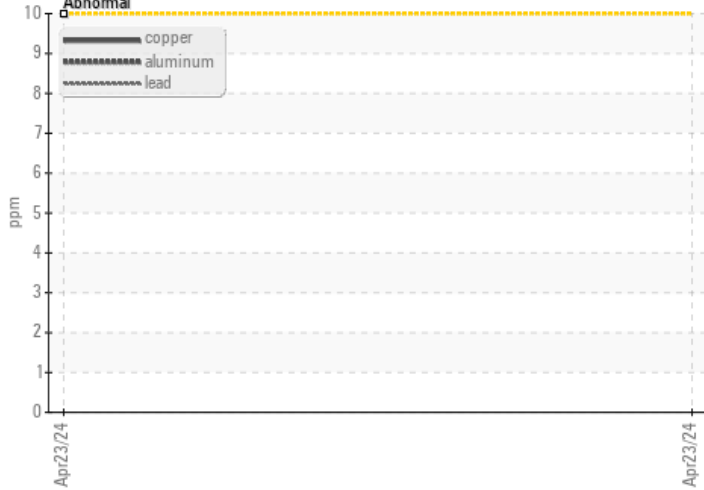
Iron/Tin/Silver



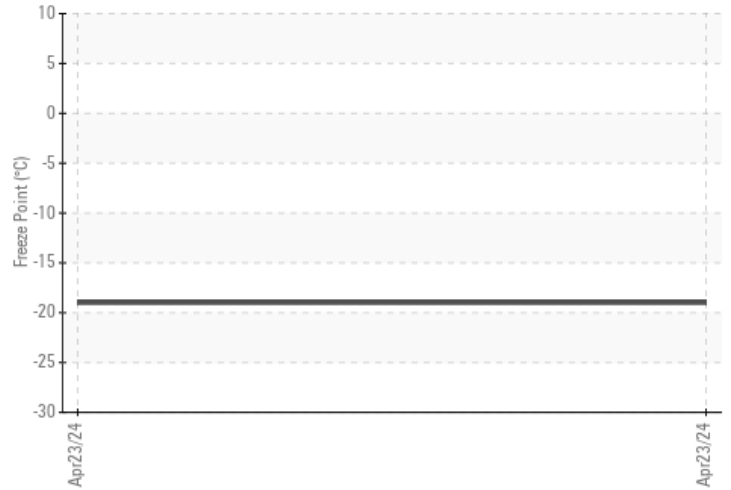
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites





CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - DIESEL ENGINE



Sample No: VCP437242
Oil Type: {unknown}
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437242	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.08	---	---	---
Base Number (BN)	mg KOH/g	█ 8.2	---	---	---
Oxidation (PA)	%	69	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	97	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.2	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1971	---	---	---
Magnesium	ppm	█ 343	---	---	---
Zinc	ppm	█ 1252	---	---	---
Phosphorus	ppm	█ 1016	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 25	---	---	---

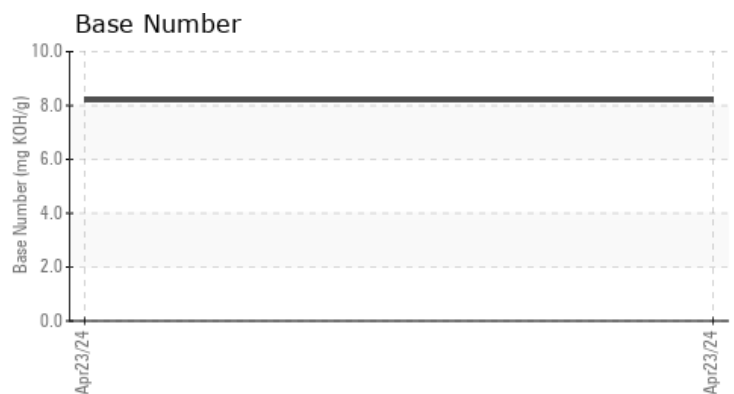
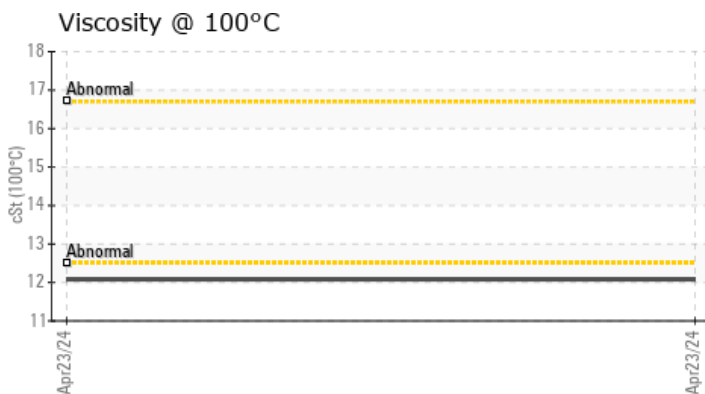
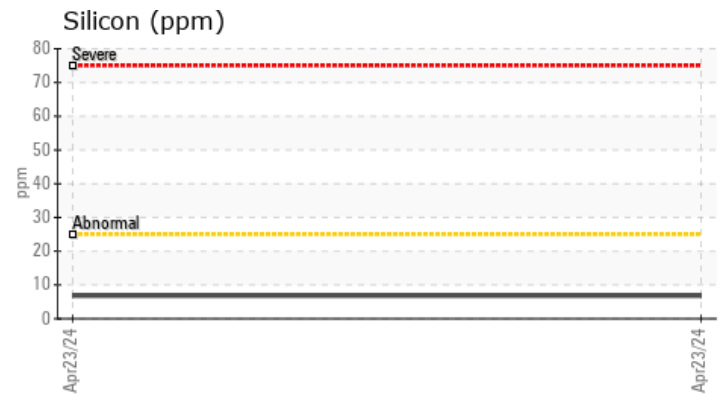
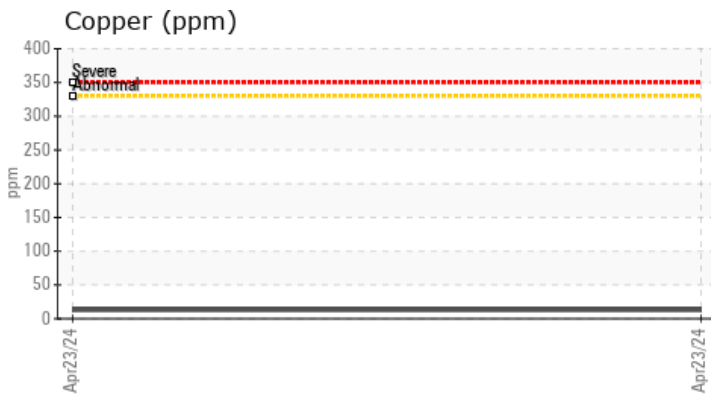
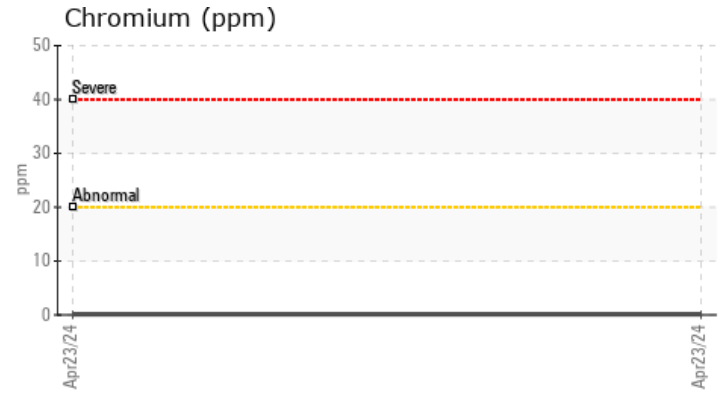
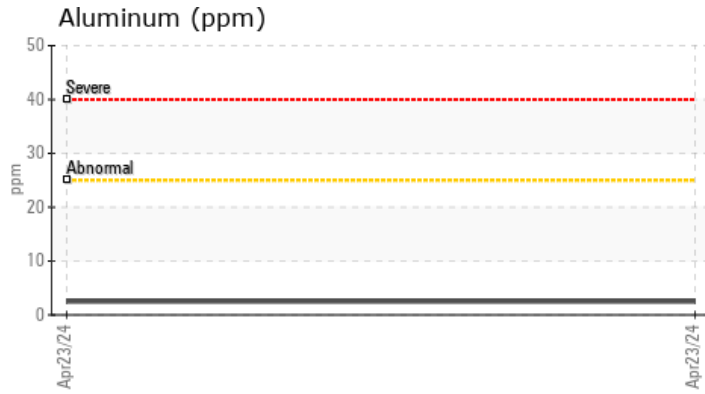
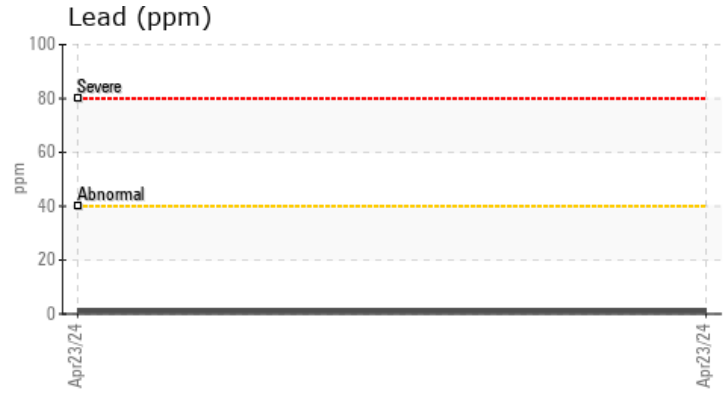
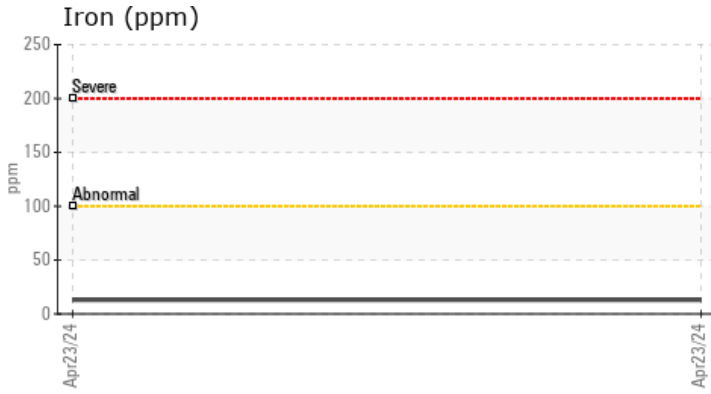
Depot: VOLVO8880
Unique No: 11003244
Signed: Wes Davis
Report Date: 07 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - TRANSMISSION (AUTO)



Sample No: VCP437246
Oil Type: DEXRON III
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437246	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 27.3	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 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	█ 72	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 93	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 195	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 68	---	---	---

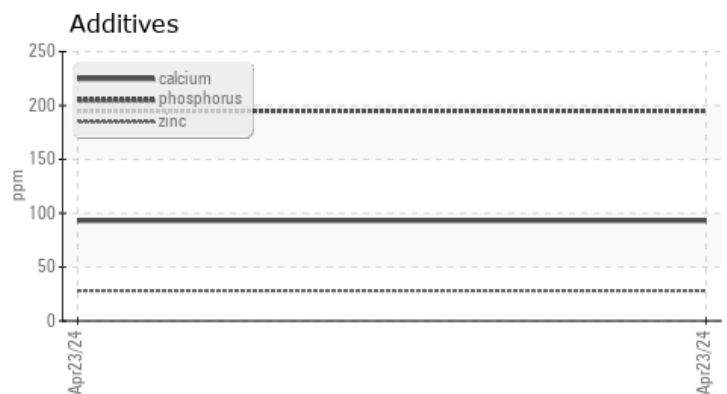
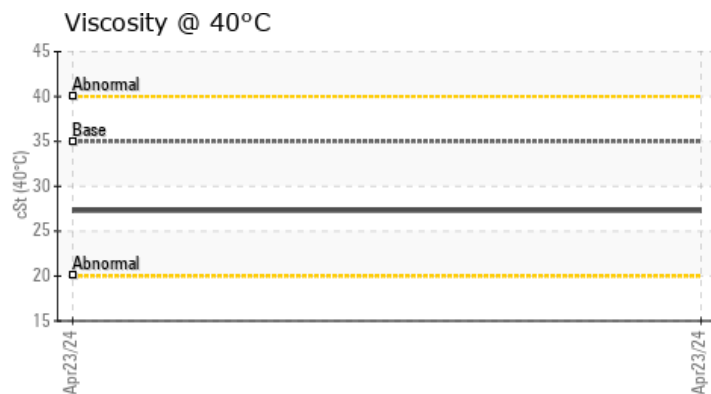
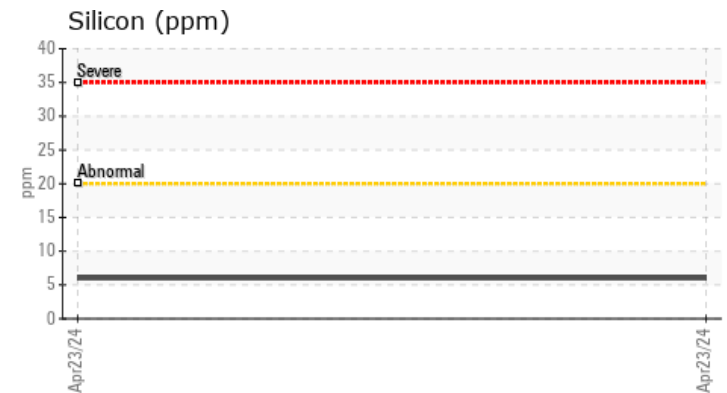
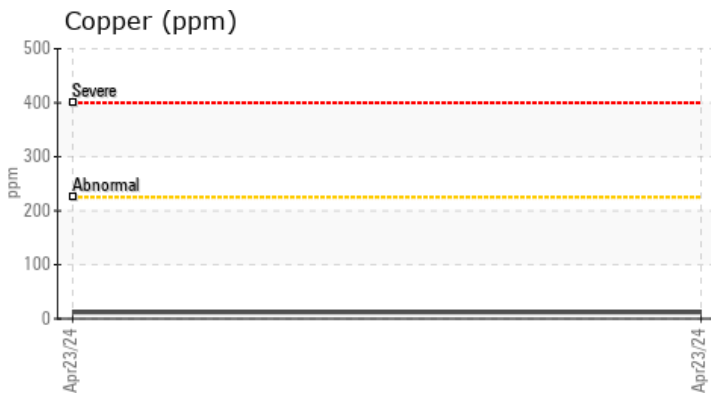
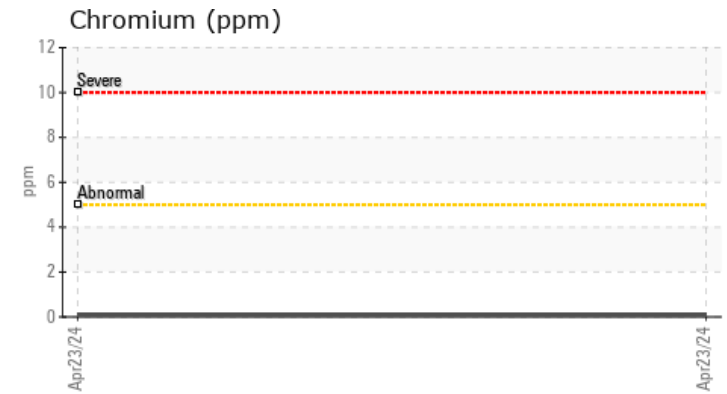
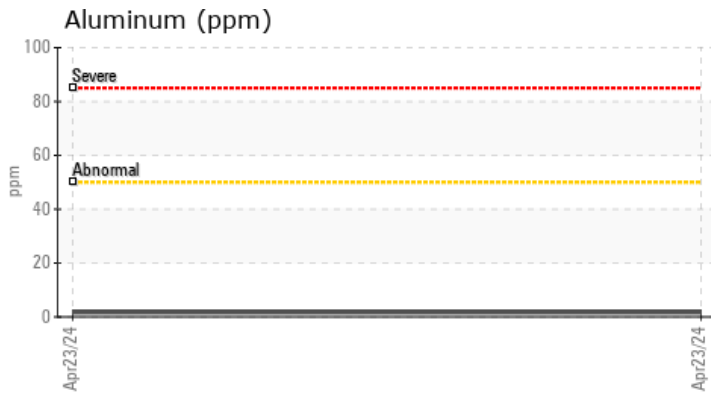
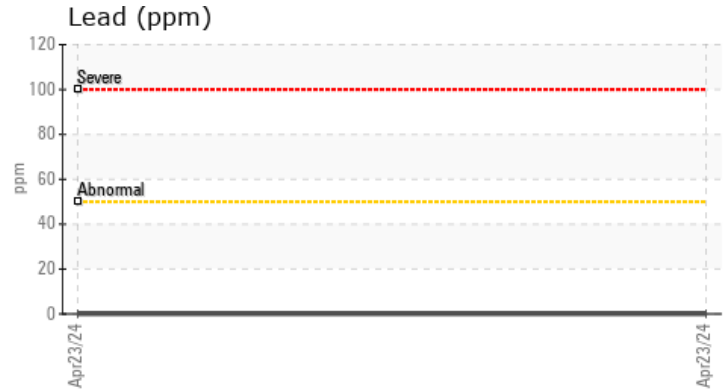
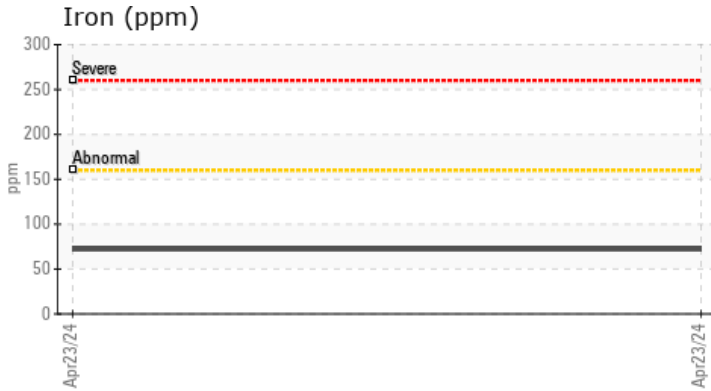
Depot: VOLVO8880
Unique No: 11004114
Signed: Jonathan Hester
Report Date: 01 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - HYDRAULIC SYSTEM



Sample No: VCP437241
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437241	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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 F: (856)227-0046



OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.34	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 5493	---	---	---
Particles >6µm		█ 421	---	---	---
Particles >14µm		█ 36	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 59	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 439	---	---	---
Phosphorus	ppm	█ 336	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8880
Unique No: 11003485
Signed: Wes Davis
Report Date: 30 Apr 2024

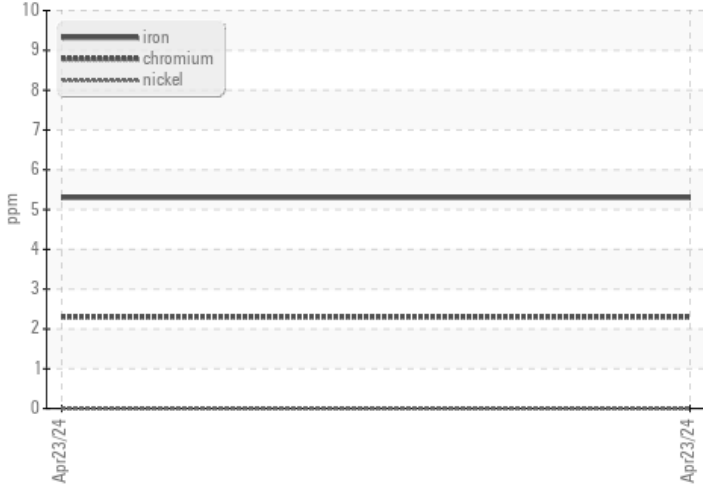


CONSTRUCTION EQUIPMENT

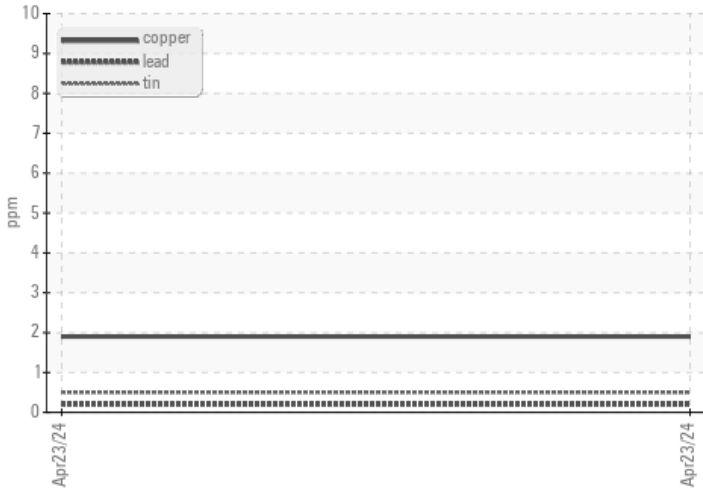


VOLVO GRAPHS

Ferrous Alloys



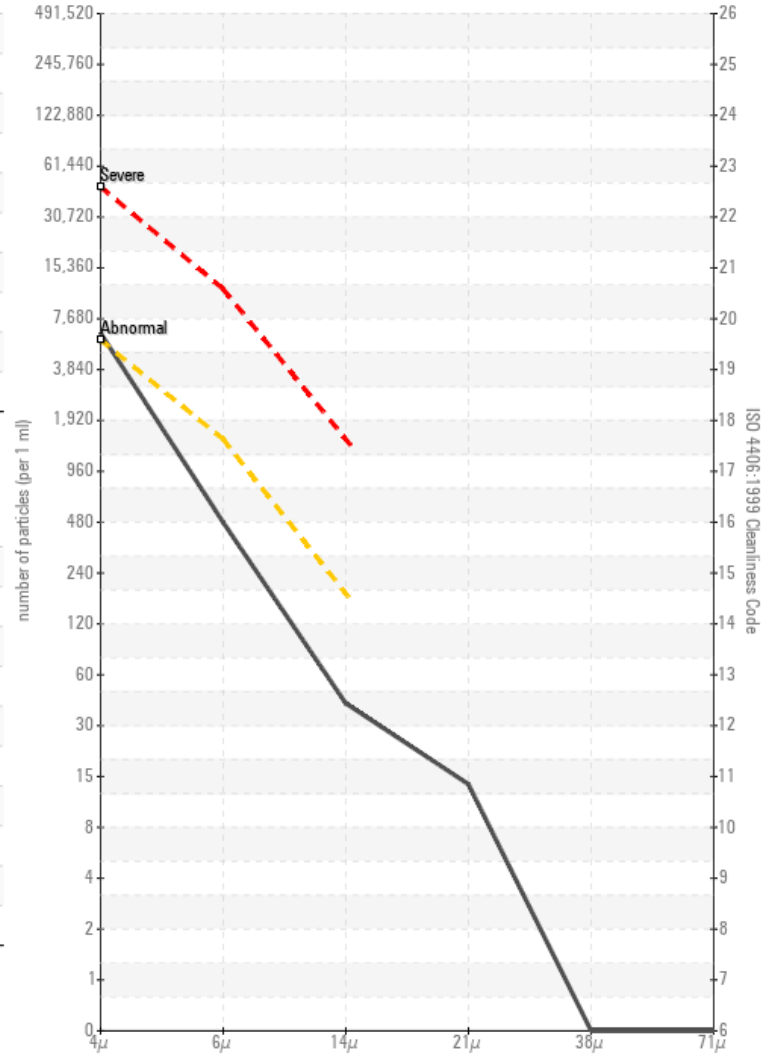
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number





CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - FRONT AXLE



Sample No: VCP437243
Oil Type: TDH FLUID SAE 75W80
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437243	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 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	█ 79	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3345	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1408	---	---	---
Phosphorus	ppm	█ 1227	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 116	---	---	---

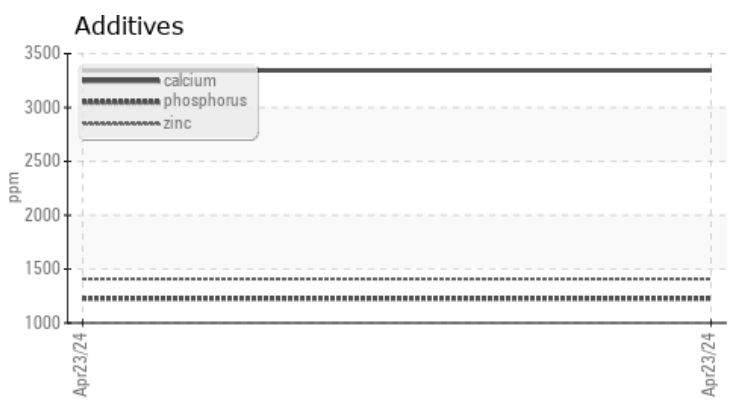
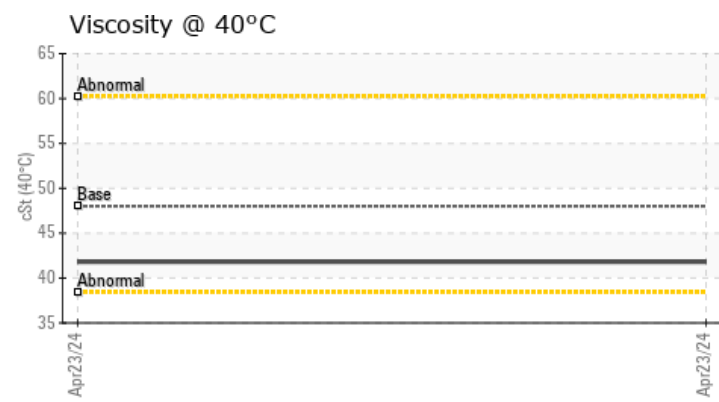
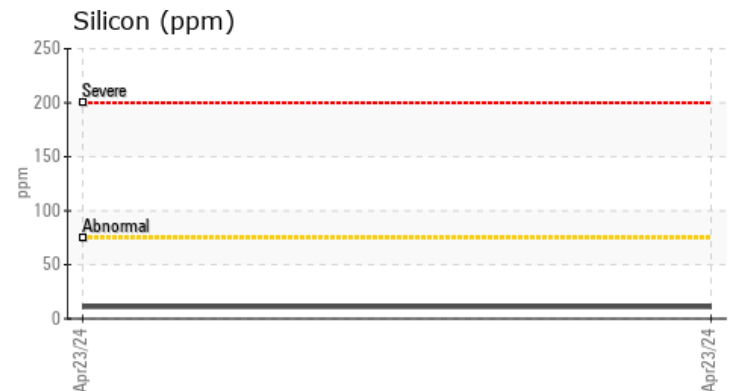
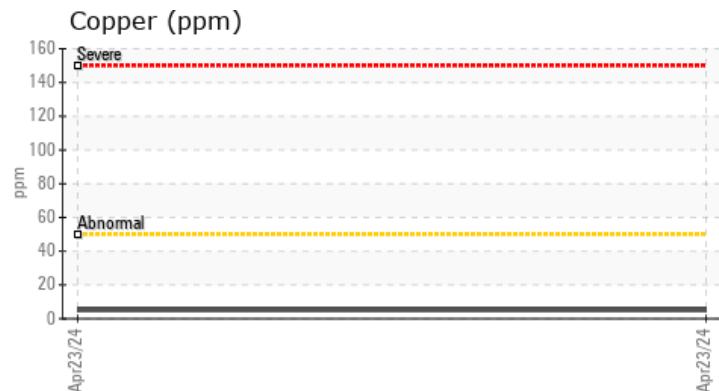
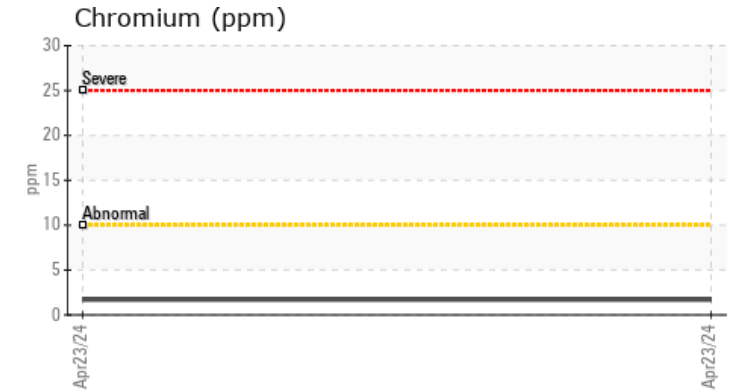
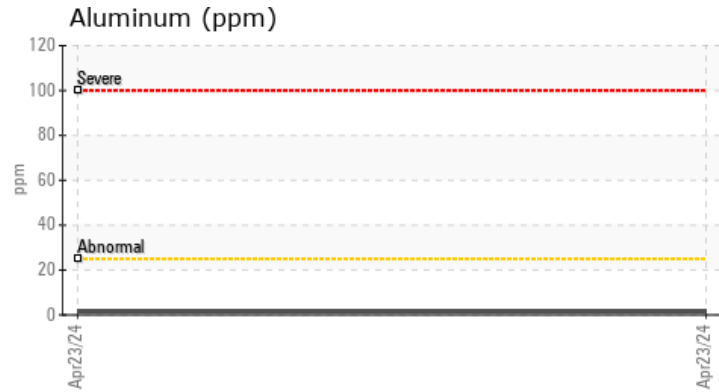
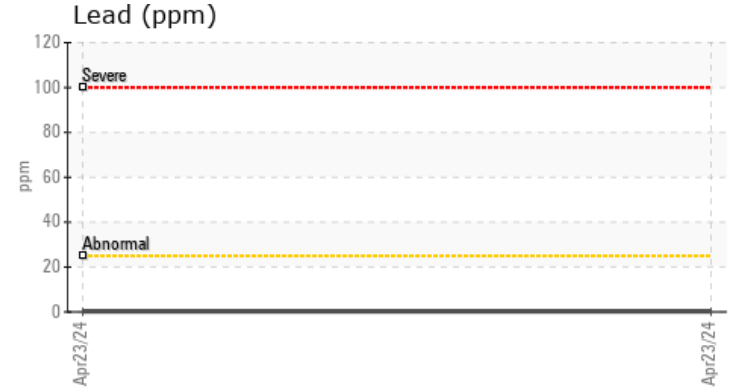
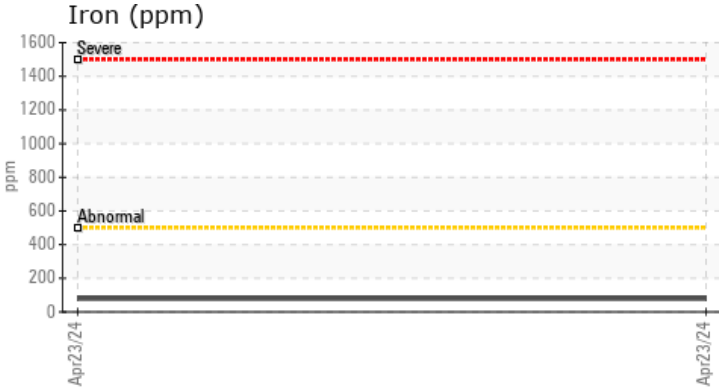
Depot: VOLVO8880
Unique No: 11004006
Signed: Jonathan Hester
Report Date: 01 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS





CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - REAR AXLE



Sample No: VCP437240
Oil Type: TDH FLUID SAE 75W80
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437240	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.4	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 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	█ 21	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3514	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1492	---	---	---
Phosphorus	ppm	█ 1308	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 120	---	---	---

Depot: VOLVO8880
Unique No: 11004007
Signed: Jonathan Hester
Report Date: 01 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

